

County Borough



of Blackburn.



EDUCATION COMMITTEE.

ANNUAL REPORT

For the Year 1913.

BY

J. COOTE HIBBERT, M.D. (Lond.), D.P.H.,

MEDICAL OFFICER OF HEALTH AND SCHOOL
MEDICAL OFFICER.

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PUBLIC HEALTH OFFICE,
BLACKBURN,

June 30th, 1914.

*To the Chairman and Members of the Education Committee
of the County Borough of Blackburn.*

MR. CHAIRMAN, LADIES AND GENTLEMEN,

I have the honour to submit to you my Annual Report upon the work carried out by the School Medical Department during the year ending December 31st, 1913.

As in previous years, the material of this Report has been divided into the following Sections:—

Section I.—School Attendance.

Section II.—Sanitary Conditions of the Public Elementary Schools.

Section III.—Infectious Diseases.

Section IV.—Medical Inspection of School Children.

I am indebted to my chief clerk, Mr. Fowler, for much willing and valuable assistance in the compilation of the tables contained in the Report.

The work during the year has suffered somewhat from changes in the medical staff, Dr. Greenwood resigning the office of School Medical Officer on the 1st of May, and there being an interval of a month before I commenced duties on 1st June: also Dr. Ewing resigning the office of School Medical Inspector in the middle of October, and there being an interval of 6 weeks before Dr. McKee filled the vacancy at the end of November.

I am, Ladies and Gentlemen,

Your obedient servant,

J. COOTE HIBBERT

(School Medical Officer).



SECTION I.

School Attendance in Blackburn during 1913.

**I.—SCHOOL ATTENDANCE IN BLACKBURN
DURING 1913.**

The following Table shows the accommodation and the average attendance at each School in Blackburn during the year 1913.

TABLE I.

NAME OF SCHOOL	School Accommodation	Average attendance for the year 1913.	
		1	2
Accrington Road	842	413	403
Audley Range	617	454	445
All Saints'	428	302	296
Bank Top	567	423	415
Bangor Street... ..	905	548	539
Cedar Street	580	432	422
Christ Church	971	750	729
Emmanuel	529	481	469
Furthergate	590	465	453
Four Lanes End	181	150	148
Griffin	759	496	482
Holy Trinity	470	430	417
Lower Darwen Council	287	156	152
Maudsley Street	592	362	350
Moss Street	749	502	487
Mill Hill Council	859	519	504
Mill Hill C.E.	297	277	271
Parish Higher Grade	675	472	472
Park Road	733	501	488
Sacred Heart	153	136	135
St. Alban's	1084	927	910
St. Alban's Higher Grade	101	66	66
St. Anne's	956	690	679
St. Andrew's	339	286	279
St. Barnabas'	622	505	495
St. Bartholomew's	358	314	306
St. Gabriel's	194	190	186
St. James' C.E.	280	141	139
St. James' C.E., Black-a-Moor...	324	88	85
St. James' C.E., Guide	300	115	112
St. John's C.E.	935	612	601
St. Joseph's	771	549	536
St. Luke's	588	411	401
St. Mary's	694	552	542
St. Matthew's	693	441	430
St. Michael's	591	396	385
St. Paul's	794	501	491
St. Peter's C.E.	637	312	306
St. Peter's R.C.	493	467	460
St. Silas'	678	455	452
St. Stephen's	554	489	477
St. Thomas'	699	580	566
Wensley Fold	435	388	380
Witton Infants'	207	97	97
Regent Street	80	65	65
Blakey Moor Council	421	344	344
Higher Elementary	392	202	202

(1) Average on which grant was paid ... 18,452

(2) Actual average attendance 18,069

The following Table shows the average school attendance for each month, with the cause of any fall in the attendance; also the number of infected houses reported by the Health Department to the Education Department during the year. These latter only include those in which diseases, compulsorily notifiable under the Infectious Diseases Notification Act, have occurred, and do not include houses infected with cases of voluntarily notifiable diseases, such as Measles, Whooping Cough, etc.

TABLE II.

Month	Actua. Average Attendance	Cause of Fall in Average Attendance	No. of houses reported from the Health Department as containing In- fectious Diseases
1913.			
January ...	17607	Whooping Cough, Influenza, etc (severe snowstorm in the second week)	9
February ..	17863	Influenza, etc.; bad weather; ailments such as Whooping Cough, Ringworm, etc., which cause prolonged absence from School	8
March	17881	Do. Do.	18
April	18308	Measles prevalent at a few of the Infant Schools	10
May	18209	Do. Do.	12
June	18314	Measles. Chicken Pox and Ring- worm	10
July	18090	Measles. Chicken Pox and Ring- worm	11
August	Holiday	Holiday.	27
September.	18653	.....	25
October ...	18562	.....	44
November..	17922	Scarlet Fever, Measles and Mumps Accrington Road In- fant School and St Andrew's Infant School closed for 16 days on account of Measles...	63
December..	17582	Scarlet Fever, Measles and Mumps. In addition there were many cases of Sore Throat and Swollen Glands	90

The next Table indicates the Schools in Blackburn which were closed on the advice of the School Medical Officer.

TABLE III.

School	Epidemic	Date when Closed	Period School Closed	Normal Average Attendance	Lowest Average Attendance previous to closing
			Days		
Accrington Road Council Infants' ...	Measles	Nov. 17th	16	186	136
St. Andrew's Infants' ..	do.	Nov. 28th	16	90	48

SECTION II.

**Sanitary Conditions of Blackburn Schools
during 1913.**

II.—SANITARY CONDITIONS OF BLACKBURN SCHOOLS DURING 1913.

The following is a list of the 48 Public Elementary Schools of the Borough:—

- | | |
|--------------------------------------|---|
| 1.—St. Gabriel's. | 29.—Maudsley Street. |
| 2.—Four Lanes End. | 30.—St. Joseph's. |
| 3.—Cedar Street. | 31.—Wensley Fold. |
| 4.—St. James' (Shear Brow). | 32.—St. Peter's. |
| 5.—Bangor Street Council. | 34.—Audley Range. |
| 6.—St. Stephen's. | 35.—Bank Top. |
| 7.—St. Michael's. | 36.—St. Mary's, Islington. |
| 9.—Moss Street. | 37.—St. Luke's. |
| 10.—Sacred Heart. | 38.—Park Road. |
| 11.—St. John's. | 39.—Witton Infants. |
| 12.—Regent Street Special
School. | 40.—Griffin. |
| 13.—St. Silas'. | 41.—All Saints'. |
| 14.—Higher Elementary School | 42.—Christ Church (Mosley
Street). |
| 15.—Blakey Moor Council. | 43.—Christ Church (Rockcliffe
Street). |
| 16.—St. Alban's (G. & I.). | 44.—St. Peter's, Mill Hill. |
| 17.—St. Alban's H.G. (Boys'). | 45.—Emmanuel. |
| 18.—Holy Trinity. | 46.—Mill Hill. |
| 19.—St. Paul's. | 47.—Mill Hill. |
| 21.—Furthergate. | 48.—St. Andrew's. |
| 22.—St. Barnabas'. | 49.—St. Bartholomew's. |
| 23.—St. Thomas'. | 50.—St. James', Guide. |
| 24.—Accrington Road. | 51.—St. James', Black-a-Moor. |
| 26.—St. Anne's. | 52.—Lower Darwen Council. |
| 27.—St. Mary's Higher Grade. | |
| 28.—St. Matthew's. | |

I have inspected all these Schools. I do not propose to deal with the Schools in detail in this Report, but rather to summarise the chief defects which were noticeable at the time of my visits.

Very few structural alterations of any importance have been carried out during the year. The ventilation of Griffin School has been improved by the fixing of special ventilators, and additional window ventilation has been provided in one of the classrooms in the Infant Departments of both St. Joseph's and of Audley Range Schools.

The chief defects in the hygiene of the Blackburn Schools, as in many of the Schools throughout the country, are in connection with the ventilation. The majority of the Schools were erected many years ago, when the vital importance of ample ventilation was not fully appreciated, and they were not, moreover, designed solely as school buildings. In some cases the rooms have been planned so that windows could only be placed on one side of the room, and under these conditions it is impossible to get a cross current to freshen up the classroom atmosphere even during playtime. When ventilation depends solely or mainly on the open window and the windows are on one side only of the classroom, it is very difficult, if the weather is cold and the wind blowing directly on the window side of the room, to obtain fresh air without excessive draught. Under these circumstances windows are frequently closed; but it must be remembered that efficient ventilation is just as necessary in cold windy weather as under more favourable conditions, and that the windows can only be closed at the expense of a vitiated atmosphere.

In the majority of instances only a very small proportion of the existing window area is made to open, and opaque glass frequently obstructs the light of day.

It is often extremely difficult without incurring great expense to alter old buildings so as to bring them up to modern requirements; but much has been done in the past to improve the Blackburn Schools, and I hope during the year to induce the various School Authorities to make one further effort towards efficient ventilation. The expenditure of money in this direction will justify itself in the improved health of the children and in the lessened spread of infectious disease. The Open Air Class has shown what it can do for the delicate child, and without doubt the well-ventilated school in the same way tends to benefit the children generally and to prevent that lowering of vitality which must result from present conditions. It would be of great benefit if it were possible to hold classes in the shaded parts of the playground during the hot weather, and I think more might be done in this direction, especially in Schools where ventilation is not good.

If children are brought up at school to appreciate the

benefit of fresh air, they will see that they get better ventilation in their homes.

In many of the Schools the sanitary conveniences are of an old unsatisfactory type; on this account and through insufficient flushing they smell badly. Many of the urinals are without automatic flush and, as some of the caretakers think they have done all that is necessary in washing the places down once a day, they become very offensive.

At several of the Schools the playgrounds are wholly or partially unpaved.

SECTION III.

Infectious Diseases in Blackburn Schools
during 1913.

III.—INFECTIOUS DISEASES IN BLACKBURN SCHOOLS DURING 1913.

These diseases may be classified in two groups:—

1. Those compulsorily notifiable (under the Infectious Diseases Notification Act) to the Medical Officer of Health by Medical Practitioners and parents, such as Scarlet Fever, Diphtheria and Typhoid Fever.
2. Those which are not compulsorily notifiable, such as Measles, Whooping Cough, Chicken Pox and Mumps.

For information as to occurrences of cases of group 2, the Medical Officer of Health has to rely in great part on the promptitude of teachers in the various Schools in detecting and notifying cases in their early stages. Help is also afforded in this respect by the School Attendance Officers when visiting the homes of children who are absent from School.

As regards loss of life and of school attendance, the infectious diseases which are not compulsorily notifiable, especially Measles and Whooping Cough, are as a rule by far the more important.

During the year under report Measles and Whooping Cough were fortunately not very prevalent, as compared with previous years, but reference to recent Annual Reports on the Public Health of the Borough will show what prominent places are taken by these two diseases in the yearly mortality figures, the deaths from Measles and Whooping Cough considerably outnumbering those from Scarlet Fever, Diphtheria and Typhoid Fever.

It seems to be impossible to induce parents to look on these diseases as anything but trivial and to persuade them to call in a doctor and to take all the various precautions they would never think of omitting in a case of Scarlet Fever.

It is a very great mistake to think that Measles and Whooping Cough are trivial ailments because they are not brought under the provisions of the Notification of Infectious Diseases Act.

It is now generally agreed that infectious disease is spread through Schools chiefly by the presence of children suffering from the disease either in the very early stage or in so mild a form that it has escaped attention. It is during the early stages of most of the diseases that the danger of infection is greatest, and it is therefore of the utmost importance that parents do not send children to School who show any signs of feverishness or the semblance of a rash. Too strict an insistence on attendance at School is often responsible in the long run for greater loss of attendance. Scarlet Fever and Diphtheria, moreover, may assume an exceptionally mild form, sore throat being the only noticeable symptom, and any case of Sore Throat therefore should be seen by a doctor before the child returns to School. During the latter part of the year an attempt was made to examine at the Health Office all children who had been absent from School on account of Sore Throat and had not been under the care of a doctor, before their return to School, and several cases of infectious disease were thus detected and prevented from spreading infection.

Other possible ways by which infection is spread are by means of the drinking cup, which is used in common, and by books, pens and pencils, etc., which are passed on from child to child.

In addition, infection may be spread by dust which rises from the floors carrying into the air any germs which may have previously settled with it on the classroom floors, etc. These floors are thoroughly cleansed but four times a year, during the four holiday periods, and the ordinary classroom therefore is, as a rule, no special object lesson in cleanliness.

To my mind the chief element in the spread of infection at the Schools is the deficiency in ventilation which obtains in nearly every School, even in the most recent product of the architect's skill. To this I refer in another section.

All reported cases of non-notifiable infectious disease are visited by the Lady Health Visitors, who give instructions as to isolation of the patient and exclusion of contacts from School. In this connection 913 homes were visited.

Scarlet Fever.

The total number of cases of this disease reported in the whole Borough during 1913, was 268, compared with 116 during 1912, and 188 of these 268 cases, or 70.1 per cent., occurred amongst school children.

Similar percentages for recent years are as follow:—

Year.	Percentage.
1904	65.9
1905	66.7
1906	60.5
1907	60.8
1908	64.7
1909	62.9
1910	61.7
1911	58.0
1912	57.7
1913	70.1

The following Table indicates the number of notified cases of Scarlet Fever occurring monthly in each School during 1913.

TABLE IV.—Scarlet Fever in Schools during 1913.

SCHOOL.	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	Total.
Accrington Road	4	1	...	...	...	...	...	...	...	...	...	5
Audley Range	1	1	...	...	5	7
All Saints'	2	...	...	...	...	...	2
Bank Top	1	1
Bangor Street	1	...	2	...	...	3
Blakey Moor C.
Cedar Street	1	...	...	...	...	1	1	...	2	5
Christ Church	1	1	...	...	1	...	...	...	1	1	3	6	14
Emmanuel	1	...	2	3
Furthergate	1	...	...	...	...	...	1	1	...	3
Four Lanes End	1	...	...	...	...	...	...	...	...	1
Griffin	1	...	...	...	...	...	1
Holy Trinity	1	2	3
Lower Darwen C.	1	...	...	...	...	1	1	...	...	...	...	...	3
Maudsley Street	1	...	1	...	1	2	1	2	6	1	15
Moss Street	1	...	2	...	3
Mill Hill C.	1	...	1	...	...	...	...	1	5	...	8
Norfolk Street	1	1
Parish Higher Grade	2	2
Higher Elementary
Park Road	2	...	...	...	2
Sacred Heart
St. Alban's	1	...	...	...	5	6
„ H.G.
St. Anne's	1	1
St. Andrew's	1	1	2
St. Barnabas'	3	1	4
St. Bartholomew's	1	...	...	...	...	7	8
St. Gabriel's	1	...	...	5	2	2	10
St. James's C.E.	1	...	1	...	...	...	...	...	...	...	...	...	2
„ Black-a-Moor
„ Guide	1	1	...	...	...	...	2
St. John's	1	2	5	8
St. Joseph's	1	1	1	2	1	6
St. Luke's	1	...	...	...	...	...	...	...	1	...	...	2
St. Mary's R.C.	2	...	...	...	...	...	...	1	3	1	7
St. Matthew's	2	1	...	...	1	2	3	1	10
St. Michael's	1	...	...	...	...	4	3	2	10
St. Paul's	2	...	2
St. Peter's N.	1	...	...	...	...	...	...	...	1	...	...	2
„ R.C.	2	2
St. Silas'
St. Stephen's	1	1	2
St. Thomas'	1	...	2	...	1	...	...	...	...	...	...	...	4
Wensley Fold	1	...	...	...	...	...	...	3	...	...	4
Witton Infants	1	1	...	...	...	...	...	...	2
High School	1	2	3
Grammar School	1	...	...	...	1
Pleasington R.C.	1	...	...	...	...	1
Convent	1	1
Private Schools—
A	1	...	...	...	...	...	...	...	1	2
B	1	...	...	...	...	...	...	...	...	1
C	1	1
TOTALS ...	4	7	9	5	8	3	8	8	9	29	41	57	188

Diphtheria.

The total number of cases of this disease reported in the whole Borough during 1913 was 76, compared with 55 during 1912; and of these 76 cases, 39, or 51.3 per cent., occurred amongst school children.

Similar percentages for recent years are as follow:—

Year.	Percentages.
1904	40.0
1905	47.7
1906	50.0
1907	54.0
1908	50.0
1909	48.0
1910	58.3
1911	57.9
1912	41.8
1913	51.3

The following Table indicates the number of notified cases of Diphtheria occurring monthly in each School during 1913.

TABLE V.—Diphtheria in Schools during 1913.

SCHOOL.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	Total
Accrington Road	1	...	1	...	2
Audley Range	1	...	1
All Saints'
Bank Top
Bangor Street	1	...	...	...	...	...	...	...	...	...	...	...	1
Blakey Moor C.
Cedar Street	1	2	3
Christ Church
Emmanuel	1	...	...	...	...	1
Furthergate
Four Lanes End
Griffin	1	...	...	...	...	...	2	3	...	6
Holy Trinity	1	...	...	...	...	1
Lower Darwen C.
Maudsley Street	1	...	...	...	...	1
Moss Street	1	...	...	...	...	1
Mill Hill C.
Norfolk Street	1	1
Parish Higher Grade
Higher Elementary
Park Road
Sacred Heart
St. Alban's	1	...	2	...	3
" H.G.	1	1
St. Anne's	1	...	...	1
St. Andrew's
St. Barnabas'	1	...	...	...	1	2
St. Bartholomew's
St. Gabriel's
St. James S.B.	1	...	...	1
" Black-a-Moor
" Guide	1	...	...	...	1
St. John's	1	...	...	...	2	2	1	...	...	...	6
St. Joseph's
St. Luke's
St. Mary's R.C.
St. Matthew's
St. Michael's	1	...	...	...	1
St. Paul's	2	...	...	...	...	...	2
St. Peter's N.	1	...	...	...	...	...	...	1
" R.C.
St. Silas'
St. Stephen's
St. Thomas'	1	...	...	...	...	...	...	1	...	2
Wensley Fold
Witton Infants
TOTALS	1	...	1	2	...	1	4	7	5	4	9	5	39

Typhoid Fever.

The total number of cases of this disease reported in the whole Borough during 1913 was 31, compared with 26 during 1912; and of these 31 cases, 3 or 9.6 per cent. occurred amongst school children.

Similar percentages for recent years are as follow:—

Year.	Percentages.
1905	33.3
1906	31.7
1907	21.3
1908	22.3
1909	26.0
1910	23.9
1911	24.0
1912	11.5
1913	9.6

The following Table indicates the number of notified cases of Typhoid Fever occurring monthly in each School during 1913.

TABLE VI.—Typhoid Fever in Schools during 1913.

SCHOOL.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	Total
Accrington Road
Audley Range	1	..	..	..	1
All Saints'
Bank Top
Bangor Street
Blakey Moor C.
Cedar Street
Christ Church
Emmanuel
Furthergate
Four Lanes End
Griffin
Holy Trinity
Lower Darwen C.
Maudsley Street
Moss Street
Mill Hill C.
Norfolk Street
Parish Higher Grade
Higher Elementary
Park Road
Sacred Heart
St. Alban's
" H.G.
St. Anne's
St. Andrew's
St. Barnabas'	1	..	1
St. Bartholomew's
St. Gabriel's
St. James S.B.
" Black-a-moor
" Guide
St. John's
St. Joseph's
St. Luke's	1	..	1
St. Mary's R.C.
St. Matthew's
St. Michael's
St. Paul's
St. Peter's N.
" R.C.
St. Silas'
St. Stephen's
St. Thomas'
Wensley Fold
Witton Infants
TOTALS	1	..	2	..	3

Measles.

392 cases of Measles were reported from the Schools during 1913, as compared with 938 during 1912.

In only 156 cases, or 40 per cent., a medical man was in attendance, although the parents were strongly advised as to the need for calling in medical aid.

On account of the prevalence of this disease, the following Infant Departments were closed for 16 days:—

Accrington Road—November 19th to December 4th.

St. Andrew's—November 29th to December 14th.

The following Table indicates the number of cases of Measles reported monthly in each School during 1913, and it will be seen that the greatest number occurred during May and November.

TABLE VII.—Measles in Schools during 1913.

SCHOOL.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	Total
Accrington Road	1	2	30	2	35
Audley Range	1	..	..	..	..	..	1
All Saints'	9	1	..	..	..	..	1	..	..	11
Bank Top	8	17	2	2	..	..	..	2	31
Bangor Street	9	1	..	..	..	..	..	10
Blakey Moor C.
Cedar Street	2	..	..	4	21	..	..	..	1	..	..	..	28
Christ Church	1	1	3	4	9
Emmanuel	1	..	..	..	..	..	..	1	2
Furthergate	1	..	9	10	..	..	1	..	..	21
Four Lanes End	1	..	..	..	1	..	2
Griffin	4	..	..	..	4
Holy Trinity	1	..	..	..	..	1	8	7	17
Lower Darwen C.
Mill Hill C.	2	2	12	2	..	..	..	1	..	19
Moss Street	1	..	1	..	..	..	..	..	2
Norfolk Street	8	4	..	1	..	..	..	..	1	14
Maudsley Street	1	..	..	1	2	..	..	..	..	..	4
Parish Higher Grade ..	1	..	..	..	1	1	..	..	..	..	..	..	3
Park Road	1	..	..	2	3
St. Alban's	2	2	3	..	..	..	..	..	7
„ H.G.
St. Anne's	1	1	..	..	..	..	1	1	4
St. Andrew's	1	..	..	..	2	22	11	36
St. Barnabas'	1	1	..	3	1	1	1	8
St. Bartholomew's	1	6	7
St. Gabriel's
St. James' C.E.	1	..	..	..	..	..	1
„ Black-a-Moor
„ Guide
St. John's	1	..	..	..	..	..	..	2	3
St. Joseph's	1	1	..	..	..	1	..	..	3
St. Luke's	4	4	1	..	..	..	..	..	1	10
St. Michael's	3	2	1	..	..	..	4	5	2	17
St. Matthew's	1	8	3	..	..	..	..	..	12
St. Mary's R.C.	1	..	..	1
St. Paul's	1	..	..	1	1	..	3
St. Stephen's	21	..	..	..	..	..	..	..	21
St. Silas'	1	1	..	..	..	2
St. Peter's R.C.	3	..	..	..	..	..	1	1	5
„ C.E.	1	1	..	..	..	..	..	..	..	1	3
St. Thomas'	1	1	..	4	1	..	1	8
Wensley Fold	1	6	9	..	..	..	..	16
Witton Infants
Sacred Heart	2	2	1	..	..	..	..	..	1	6
Higher Elementary
Regent Street (Special)	1	..	..	..	..	1
St. Oswald's	2	..	..	2
TOTALS ...	3	..	2	34	78	68	37	13	16	19	75	47	392

Whooping Cough.

66 cases of this disease were reported from the Schools during 1913, as compared with 323 during 1912.

In only 31 cases, or 47 per cent., a medical man was in attendance.

The following Table indicates the number of cases of Whooping Cough reported monthly in each School during 1913. from which it will be seen that the greatest number occurred during the first four months of the year.

TABLE VIII.—Whooping Cough in Schools during 1913.

SCHOOL.	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	Total
Accrington Road .....	..	..	..	..	..	..	..	..	..	..	..	..	..
Audley Range	1	..	..	..	..	..	..	..	..	..	..	..	1
All Saints' .....	..	..	..	..	..	..	..	..	..	..	..	..	..
Bank Top .....	..	..	..	1	..	..	..	..	..	..	..	..	1
Bangor Street .....	..	..	..	..	..	..	..	..	..	..	..	..	..
Blakey Moor C. ....	..	..	..	..	..	..	..	..	..	..	..	..	..
Cedar Street .....	..	..	..	..	..	..	..	..	..	..	..	..	..
Christ Church .....	..	..	1	..	..	..	..	..	..	..	..	..	1
Emmanuel .....	..	..	..	..	..	..	..	..	..	..	..	..	..
Furthergate .....	..	..	..	..	..	..	..	..	..	..	..	..	..
Four Lanes End .....	..	..	..	..	..	..	..	..	..	..	..	..	..
Griffin	1	..	1	..	..	..	..	..	..	..	..	..	2
Holy Trinity .....	..	..	..	..	..	..	..	..	..	..	..	..	..
Lower Darwen C. ....	..	..	..	..	..	..	..	..	..	..	..	..	..
Mill Hill C. ....	..	..	..	..	..	1	..	..	..	..	..	..	1
Moss Street .....	..	..	..	..	..	..	..	..	..	..	..	..	..
Norfolk Street .....	..	..	..	1	..	..	..	..	..	..	1	..	2
Maudsley Street	4	..	..	1	..	..	..	..	..	..	..	..	5
Parish Higher Grade ..	1	..	1	..	..	..	..	..	..	..	..	..	2
Park Road .....	..	2	..	..	..	..	..	..	..	1	..	..	3
St. Alban's .....	..	..	..	..	..	..	..	..	..	..	..	..	..
„ H.G. ....	..	..	..	..	..	..	..	..	..	..	..	..	..
St. Anne's .....	..	..	3	..	..	1	..	..	..	..	..	..	4
St. Andrew's .....	..	..	..	9	3	1	..	..	..	..	..	..	13
St. Barnabas'	2	..	..	1	..	..	..	..	..	..	..	..	3
St. Bartholomew's .....	..	..	2	..	..	..	..	..	..	..	..	..	2
St. Gabriel's .....	..	..	..	..	..	..	..	..	..	..	..	..	..
St. James C.E. ....	..	..	..	..	..	..	..	..	..	..	..	..	..
„ Guide .....	..	..	..	..	..	..	..	..	..	..	..	..	..
„ Black-a-Moor	2	..	5	..	..	..	..	..	..	..	..	..	7
St. John's .....	..	..	..	..	..	..	..	..	..	..	..	..	..
St. Joseph's	4	..	..	..	..	..	..	..	..	..	..	..	4
St. Luke's	1	..	1	..	..	..	..	..	..	..	..	..	2
St. Michael's .....	..	..	..	..	..	..	..	..	..	..	..	..	..
St. Matthew's .....	..	1	..	..	..	..	..	..	..	..	..	..	1
St. Mary's R.C. ....	..	1	1	1	..	..	..	..	..	..	..	..	3
St. Paul's	1	..	1	..	..	..	..	..	..	..	..	..	2
St. Stephen's .....	..	..	..	..	..	..	..	..	..	..	..	..	..
St. Silas' .....	..	..	..	..	..	..	..	..	..	..	..	..	..
St. Peter's R.C. ....	..	..	..	..	..	..	..	..	..	..	..	..	..
„ „ C.E. ....	..	..	..	..	..	..	..	..	..	..	1	..	1
St. Thomas'	3	..	..	..	..	1	..	..	..	..	..	..	4
Wensley Fold	1	..	..	..	..	..	..	..	..	..	..	..	1
Witton Infants .....	..	..	..	..	..	..	..	..	..	..	..	..	..
Sacred Heart .....	..	..	..	..	..	..	..	..	..	..	..	..	..
Higher Elementary ...	..	..	..	..	..	..	..	..	..	..	..	..	..
Regent Street (Special)	..	..	..	1	..	..	..	..	..	..	..	..	1
TOTALS	21	4	16	15	3	4	..	..	..	1	1	1	66

Chickenpox.

260 cases of this disease were reported from the Schools during 1913, as compared with 431 cases during 1912. In 69 cases, or 26.5 per cent., a medical man was in attendance.

The following Table indicates the number of reported cases of Chickenpox occurring monthly in each School during 1913.

TABLE IX.—Chickenpox in Schools during 1913.

SCHOOL.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	Total.
Acerington Road	3	..	2	1	..	..	..	..	..	..	..	..	6
Audley Range	2	..	..	..	..	..	2
All Saints'	1	..	..	..	..	..	..	..	..	..	1
Bank Top	1	..	..	..	..	6	4	11
Bangor Street	1	..	..	1	..	..	1	3
Blakey Moor C.
Cedar Street	6	..	2	..	..	..	..	..	..	..	3	11
Christ Church	1	..	..	..	..	..	1
Emmanuel	1	..	..	..	..	..	1
Furthergate	12	2	2	..	2	..	..	..	1	..	..	..	19
Four Lanes End	1	..	..	1	..	2	3	7
Griffin	1	..	..	..	..	..	..	..	..	..	..	1	2
Holy Trinity	1	..	..	..	..	1	..	..	2
Lower Darwen C.	4	3	..	7
Mill Hill C.	1	..	1	..	..	..	..	2
Moss Street	1	..	2	4	3	..	..	..	..	..	..	..	10
Norfolk Street	1	9	2	..	..	..	..	12
Maudsley Street	4	1	1	1	2	..	..	1	..	..	10
Parish Higher Grade	4	..	4
Park Road	1	10	..	..	..	..	..	..	5	..	..	..	16
St. Alban's	3	..	..	2	..	..	..	5
" H.G.
St. Anne's	1	2	..	..	..	..	1	..	4
St. Andrew's	1	..	..	..	..	1
St. Barnabas'
St. Bartholomew's	1	..	..	..	..	..	1
St. Gabriel's	1	3	1	2	..	..	..	..	..	..	7
St. James C.E.	1	..	1
" Guide	1	8	1	..	..	..	..	..	10
" Black-a-Moor	1	..	..	..	..	1
St. John's	1	..	..	..	..	1	7	..	2	1	..	1	13
St. Joseph's	2	..	6	4	1	3	..	1	..	1	1	19
St. Luke's	1	..	..	..	..	..	..	1
St. Michael's	1	1	1	..	..	1	4
St. Matthew's	1	..	2	2	1	2	..	2	..	1	..	11
St. Mary's R.C.	2	1	..	..	..	..	3
St. Paul's	1	..	1	..	..	..	..	..	..	..	..	..	2
St. Stephen's	2	5	2	3	..	1	..	3	16
St. Silas'	3	4	..	1	..	..	..	8
St. Peter's R.C.
" C.E.	3	1	1	1	4	..	..	..	..	1	..	..	11
St. Thomas'	1	1	1	2	..	..	..	2	..	2	9
Wensley Fold	1	..	..	..	..	..	..	..	1	..	2
Witton Infants	1	..	..	..	..	..	..	1
Sacred Heart	3	..	..	..	..	..	3
Higher Elementary
TOTALS	23	22	16	21	23	36	41	10	17	11	20	20	260

Mumps.

195 cases of Mumps were reported from the Schools during 1913, compared with 63 cases during 1912.

In 51 cases, or 26.1 per cent., a medical man was in attendance.

The following Table indicates the number of cases of Mumps reported monthly in each School during 1913.

TABLE X.—Mumps in Schools during 1913.

SCHOOL.	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	Total
Accrington Road	1	..	..	1
Audley Range	1	..	1
All Saints'	1	..	..	..	..	..	..	..	..	1
Bank Top	1	..	..	..	..	1	..	..	..	2
Bangor Street	1	2	..	3
Blakey Moor C.
Cedar Street	3	..	..	..	..	..	3
Christ Church	4	..	..	1	..	..	5
Emmanuel	1	..	..	1
Furthergate	1	..	..	2	..	..	..	..	..	..	2	5
Four Lanes End
Griffin
Holy Trinity	4	4	..	8
Lower Darwen C.
Mill Hill C.	1	..	..	1
Moss Street	1	..	..	..	2	..	..	3
Norfolk Street	1	..	..	..	1
Maudsley Street	2	4	17	5	..	28
Parish Higher Grade	1	1	..	..	..	..	..	..	..	2
Park Road	6	2	..	8
St. Alban's	1	7	..	8
" H.G.	2	..	2
St. Anne's	1	..	..	..	..	..	..	1
St. Andrew's
St. Barnabas'	2	..	1	..	..	3
St. Bartholomew's	2	..	2
St. Gabriel's	2	..	2
St. James C.E.
" Guide
" Black-a-Moor	2	..	..	..	..	..	..	2
St. John's	1	..	3	..	4
St. Joseph's	2	..	..	..	..	3	..	5
St. Luke's	1	1	3	2	1	..	1	..	..	..	9
St. Michael's	7	15	4	..	26
St. Matthew's	1	1	..	..	..	4	..	2	..	9	7	..	24
St. Mary's R.C.	1	1	..	..	..	..	..	2
St. Paul's	4	..	..	..	..	..	1	..	5
St. Stephen's	1	..	..	1	..	..	..	..	2
St. Silas'	2	..	2
St. Peter's N.	1	..	..	4	2	..	7
" R.C.	1	..	1	..	..	..	..	2
St. Thomas'	1	..	..	..	..	2	2	..	1	..	5	..	11
Wensley Fold	1	..	..	..	1	..	..	..	..	..	..	..	2
Witton Infants
Sacred Heart
Higher Elementary
Regent Street (Special)	1	..	..	..	..	..	..	..	1
TOTALS	3	2	1	4	13	16	12	1	9	15	63	56	195

TABLE XI.

**Cases of Scarlet Fever, Diphtheria, and Enteric Fever
amongst School Children removed to Hospital.**

	Scarlet Fever.	Diphth- eria.	Enteric Fever.
Number of notified cases occurring amongst Children attending School	188	39	3
Number of cases removed to Hospital amongst Children attending School	140	28	2
Percentage of cases removed to Hospital amongst Children attend- ing School	74·4	71·8	66·6
Total number of cases notified in the Borough	268	76	31
Total number of cases removed to Hospital	196	53	28
Percentage of cases removed to Hospital from the whole Borough...	73·1	70·0	90·3

SECTION IV.

**Medical Inspection of School Children in
Blackburn during 1913.**

IV.—MEDICAL INSPECTION OF SCHOOL CHILDREN.

The method of Medical Inspection of School Children which has been described in previous Reports has been continued during the year under review.

During the latter part of the year, however, it was decided to examine each child once (at the age of 8 years) between entering and leaving School, instead of twice as hitherto, so that the School Medical Inspector should have more time at his disposal for following up cases which had been already found to be defective.

Dr. Ewing has carried out the routine medical inspection at the various Schools during the greater part of the year.

I wish to acknowledge my indebtedness to the School Teachers for their willing and valuable co-operation.

The co-ordination which had been established firmly between the Public Health work and the School Medical work in Blackburn has been of special advantage in dealing with the various Infectious Diseases, and has facilitated the administration of these two important branches of preventive medicine throughout.

The total number of school children examined at the routine inspection during the year was 6,990.

These 6,990 children were composed of the following groups:—

A. Entrants	2647
B. Children examined for the second or third time	1885
C. Leavers (including half-timers)	1980
D. Higher Grade School Children—	
Entrants	136
Second Examinations	342

It will be noticed that only small numbers of children have been examined in certain age-periods at some of the Schools. Caution should therefore be exercised in comparing the different Schools in this respect.

The above-named four groups of children will now be referred to seriatim.

A.—ENTRANTS OR NEWLY ADMITTED CHILDREN.

The majority of these 2,647 children were below the age of 7 years. They consisted of 1,311 boys and 1,336 girls.

Table XII. shows these children arranged according to age, sex, and the numbers examined at the various Schools.

Tables XIII. and XIV. contain particulars as to height and weight for males and females respectively.

The average heights have been recorded in inches and centimetres, and the average weights in pounds and kilogrammes.

The defects found amongst these 2,647 children appear in Tables XV. and XVI.

Tables XVII. and XVIII. show a comparison between the heights of the Blackburn male and female entrants, and the standard of the Anthropometric Committee of the British Association for the Advancement of Science. This standard will be referred to as "The Standard" for purposes of abbreviation.

The males at the age-periods 3 to 6 years were above the standard in height, and below the standard at the age-periods 7 to 11 years, with the exception of the period 9 to 10, for which the height was equal to the standard. They were below the standard in weight at all the age periods from 3 to 11 years.

The females were above the standard in height in all the age-periods, and below the standard in weight with the exception of 3 to 4 and 9 to 10.

TABLE XII.
Numbers and age periods of the newly admitted children examined.

SCHOOL.	3-4		4-5		5-6		6-7		7-8		8-9		9-10		10-11		11-12		Total		Total	
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.		
Acerington Road	3	5	5	6	7	6	2	2	2	3	2	2	2	6	2	2	1	1	1	25	31	56
Audley Range	...	1	7	8	12	7	2	2	1	1	1	1	...	24	24	48
All Saints'	6	8	14	9	13	8	3	4	...	...	1	1	...	...	...	...	...	...	38	31	69
Bangor Street	10	13	9	13	26	15	5	9	1	...	4	5	...	7	8	5	...	2	66	69	135	
Bank Top	9	3	12	5	...	8	...	5	...	...	1	1	...	1	1	...	...	1	24	24	48
Blakey Moor C.	...	...	...	...	...	...	...	...	...	...	1	...	...	2	3	4	1	3	10	8	18
Cedar Street	5	4	10	7	10	7	3	2	...	...	4	1	2	1	2	...	2	...	29	27	56
Christ Church	4	8	23	18	29	31	11	10	1	3	1	2	...	1	2	...	...	2	71	76	147
Emmanuel	5	6	11	17	13	7	3	3	...	...	1	1	...	1	1	...	...	...	34	34	68
Furthegate	4	3	7	11	12	11	8	4	1	2	1	1	2	...	...	...	2	...	37	37	74
Four Lanes End	...	...	...	...	5	9	1	1	2	...	2	2	...	1	2	...	1	...	9	12	21
Griffin	6	5	7	5	17	14	2	...	3	2	2	2	...	1	1	1	1	...	39	33	72	
Holy Trinity	3	3	7	5	7	6	1	...	...	...	1	1	...	...	...	...	...	...	22	15	37
Lower Darwen C.	1	1	1	8	1	2	...	1	...	1	...	1	...	1	1	...	...	...	3	14	17
Maudsley Street	2	1	10	2	6	10	1	2	1	3	...	1	1	1	1	2	...	...	21	22	43
Moss Street	8	3	16	14	16	23	4	7	3	3	3	2	2	4	4	3	2	2	52	45	97	
Mill Hill C.	4	4	15	9	19	15	5	2	4	3	1	3	...	...	...	1	1	...	16	17	33
Norfolk Street	4	4	3	4	5	6	1	1	...	1	1	2	...	1	1	2	...	...	46	46	92
Park Road	9	5	12	13	18	14	3	3	1	1	1	1	...	1	...	...	1	5	3	10	13
Sacred Heart	...	...	...	...	2	6	...	2	...	...	...	...	...	...	...	...	...	1	17	22	39
St. Alban's	2	2	2	2	4	5	...	2	4	5	1	2	2	1	2	1	1	2	3	10	13	
St. Anne's	16	17	15	26	17	17	5	5	3	4	4	1	1	1	1	1	4	4	67	76	143	
St. Andrew's	4	1	4	10	8	8	3	...	1	...	2	1	1	1	1	...	2	2	23	22	45	
St. Barnabas'	10	12	11	23	10	13	5	3	3	2	1	1	2	...	...	...	...	...	42	56	98

TABLE XII. - Continued.
Numbers and age periods of newly admitted children examined.

SCHOOL.	3-4		4-5		5-6		6-7		7-8		8-9		9-10		10-11		11-12		Total		Total	
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.		
St. Bartholomew's	3	1	5	7	6	16	2	1	...	3	1	...	1	...	5	...	2	4	...	2	31	51
St. Gabriel's	1	...	2	...	15	14	2	...	1	...	1	...	1	...	1	...	1	...	...	1	20	50
St. James', Shear Brow .....	...	...	...	...	5	4	...	4	...	1	...	...	1	...	1	...	...	...	...	...	22	20
St. James', Black-a-Moor .....	...	...	2	...	...	3	2	2	...	...	...	...	...	...	...	...	...	...	...	4	6	10
St. James', Guide	1	...	9	3	4	7	1	6	...	1	1	...	1	1	1	...	1	3	...	16	15	31
St. John's	1	3	3	7	19	20	4	4	...	2	...	1	1	1	1	...	1	1	...	36	43	79
St. Joseph's	1	...	1	5	20	10	4	3	...	3	2	...	2	...	1	...	2	2	...	6	41	69
St. Luke's	10	9	9	10	10	7	2	...	3	2	...	1	...	...	1	...	1	3	...	35	35	70
St. Mary's	7	10	19	7	13	18	6	2	...	3	1	...	1	...	1	...	2	1	...	53	44	97
St. Matthew's .....	...	3	4	6	5	11	2	3	...	3	1	...	1	...	1	...	1	3	...	13	26	39
St. Michael's .....	...	3	7	6	12	12	...	3	...	4	3	...	2	...	2	...	2	1	...	28	34	62
St. Paul's	6	5	7	5	6	6	3	2	...	3	...	1	...	1	...	1	4	3	...	40	37	77
St. Peter's C.E.	3	2	7	5	9	10	1	4	...	1	2	...	1	...	5	...	2	3	...	28	24	52
St. Peter's, R.C.	2	2	7	2	9	10	1	4	...	1	2	...	2	...	1	...	1	1	...	31	33	64
St. Silas's	2	2	8	2	13	14	3	4	...	1	4	...	3	1	...	2	3	...	1	44	31	75
St. Stephen's	3	1	18	18	16	9	1	...	...	2	1	...	1	1	1	...	1	1	...	41	33	74
St. Thomas'	4	3	16	4	10	16	5	5	...	2	...	...	1	1	1	...	2	1	...	28	23	51
Wensley Fold	5	5	11	10	9	6	2	...	...	...	1	...	...	...	...	...	...	...	...	17	23	40
Witton Infants	6	6	8	9	2	6	...	...	1	...	...	2	...	...	...	...	...	...	...	...	...	...
Totals	173	161	344	330	445	449	114	115	55	56	49	66	44	49	45	60	42	50	1311	1336	2647	

TABLE XIII.—Continued.
MALES—Average Heights and Weights.

SCHOOL.	3 TO 4 YEARS.				4 TO 5 YEARS.				5 TO 6 YEARS.			
	Average height in inches	Average height in centi- metres	Average weight in pounds	Average weight in kilo- grammes	Average height in inches	Average height in centi- metres	Average weight in pounds	Average weight in kilo- grammes	Average height in inches	Average height in centi- metres	Average weight in pounds	Average weight in kilo- grammes
St. Barnabas'	36.5	92.7	32.2	14.6	38.1	96.7	35.7	16.2	42.3	107.4	40.7	18.4
St. Bartholomew's ..	37.0	94.0	34.1	15.4	38.7	98.3	34.2	15.5	41.5	105.4	39.0	17.7
St. Gabriel's .....	...	...	...	...	40.8	103.6	41.3	18.7	42.2	107.2	40.6	18.4
St. James', Shear Br'w	39.0	99.0	34.2	15.5	...	...	...	...	41.7	105.9	39.6	17.9
Black-a-M'r	...	...	...	...	38.5	97.8	34.8	15.8	...	...	...	...
" Guide	38.5	97.8	33.0	15.0	38.4	97.5	36.4	16.5	41.2	104.6	41.7	18.9
St. John's	36.7	93.2	36.5	16.5	39.1	99.3	37.1	16.8	40.7	103.3	39.0	17.7
St. Joseph's	35.5	90.2	31.0	14.0	36.0	91.4	34.0	15.4	41.1	104.4	38.2	17.3
St. Luke's	35.7	90.7	31.8	14.2	37.7	95.7	33.9	15.4	39.9	101.3	37.9	17.2
St. Mary's	35.7	90.7	31.8	14.2	37.2	94.5	33.9	15.4	40.5	102.8	40.1	18.2
St. Matthew's .....	...	...	...	...	39.2	99.5	35.2	15.9	41.9	106.4	41.4	18.8
St. Michael's	33.5	85.1	30.2	13.7	37.2	94.5	33.9	15.4	39.5	100.3	37.9	17.2
St. Paul's	37.1	94.2	36.1	16.4	37.9	96.2	36.8	16.7	39.9	101.3	39.5	17.9
St. Peter's C.E.	35.6	90.4	30.5	13.6	39.6	100.6	38.2	17.3	39.6	100.6	36.3	16.4
" R.C.	36.3	92.2	35.1	15.9	37.7	95.7	34.4	15.6	40.1	101.8	38.5	17.4
St. Silas'	40.1	101.8	34.0	15.4	39.2	99.5	35.6	16.1	41.2	104.6	39.5	17.9
St. Stephen's	39.2	99.5	33.7	17.5	40.1	101.3	37.6	17.0	40.9	103.9	39.0	17.7
St. Thomas'	37.7	95.7	33.2	15.0	39.0	98.0	38.0	17.2	39.4	100.1	38.5	17.4
Wensley Fold	35.9	91.2	33.9	15.4	38.7	98.3	35.8	16.2	40.3	102.4	36.3	16.4
Witton Infants	36.8	93.4	33.4	15.1	38.4	97.5	34.3	15.5	42.3	107.4	40.0	18.1
Averages	36.6	92.9	33.5	15.2	38.8	98.5	36.3	16.4	40.7	103.3	38.9	17.6

TABLE XIII.—Continued.
MALES.—Average Heights and Weights.

SCHOOL.	6 TO 7 YEARS.				7 TO 8 YEARS.				8 TO 9 YEARS.			
	Average height in inches	Average height in centi- metres	Average weight in pounds	Average weight in kilo- grammes	Average height in inches	Average height in centi- metres	Average weight in pounds	Average weight in kilo- grammes	Average height in inches	Average height in centi- metres	Average weight in pounds	Average weight in kilo- grammes
Accrington Road	45.4	115.3	47.3	21.4	43.2	109.7	40.7	18.4	41.5	105.4	45.9	20.8
Audley Range	41.5	105.4	41.0	18.6	...	...	...	...	48.7	123.7	57.2	25.9
All Saints'	42.3	107.4	40.5	18.3	...	...	...	...	44.5	113.0	50.0	22.7
Bangor Street	43.8	111.2	44.0	19.9	43.7	111.0	44.2	20.1	45.9	116.6	49.6	22.5
Bank Top .....	...	...	...	...	...	...	...	...	45.0	114.3	45.2	20.5
Blakey Moor C.	45.6	115.8	50.3	22.8	...	...	...	...	49.7	126.2	49.5	22.4
Cedar Street	43.6	110.7	41.8	18.9	47.2	119.9	49.5	22.4	53.0	134.6	67.0	30.4
Christ Church	42.0	106.6	40.2	18.2	...	...	...	...	...	...	...	...
Emmanuel	41.5	105.4	39.4	17.9	39.7	100.8	41.7	18.9	48.7	123.7	54.7	24.8
Furthergate	45.2	114.8	45.2	20.5	45.0	114.3	46.6	21.1	...	...	...	...
Four Lanes End	42.2	107.2	40.3	18.3	43.5	110.5	45.2	20.5	43.0	109.2	42.3	19.2
Griffin	37.2	94.5	36.7	16.6	...	...	...	...	45.5	113.0	52.2	23.7
Holy Trinity .....	...	...	...	...	...	...	...	...	...	...	...	...
Lower Darwen C.	42.2	107.2	45.5	20.6	42.0	106.7	46.0	20.8	...	...	...	...
Maudsley Street	40.5	102.8	40.1	18.2	46.4	117.8	53.7	24.3	46.9	119.1	51.3	23.2
Moss Street	43.2	109.7	43.7	19.8	42.2	107.2	42.1	19.1	50.0	127.0	56.0	25.4
Mill Hill C.	42.7	108.4	44.7	20.3	...	...	...	...	...	...	...	...
Norfolk Street	40.7	103.4	38.4	17.4	42.2	107.2	40.5	18.2	47.0	119.4	48.5	22.0
Park Road .....	...	...	...	...	...	...	...	...	...	...	...	...
Sacred Heart .....	...	...	...	...	...	...	...	...	...	...	...	...
St. Alban's	42.3	107.4	41.9	19.0	46.0	116.8	49.9	22.6	44.5	113.0	45.5	20.6
St. Anne's	44.7	113.5	49.6	22.5	44.9	114.0	45.8	20.7	43.3	110.0	42.5	19.3
St. Andrew's .....	...	...	...	...	44.2	112.2	49.8	22.6	50.8	129.0	62.3	28.2

TABLE XIV.
FEMALES—Average Heights and Weights.

SCHOOL.	3 TO 4 YEARS.				4 TO 5 YEARS.				5 TO 6 YEARS.			
	Average height in inches	Average height in centi-metres	Average weight in pounds	Average weight in kilograms	Average height in inches	Average height in centi-metres	Average weight in pounds	Average weight in kilograms	Average height in inches	Average height in centi-metres	Average weight in pounds	Average weight in kilograms
Accrington Road	38.6	98.0	37.5	17.0	39.6	100.5	38.1	17.3	41.5	105.4	40.4	18.3
Audley Range	35.5	90.2	34.2	15.5	36.9	93.7	33.5	15.2	39.5	100.3	37.5	17.0
All Saints'	36.8	93.4	34.2	15.5	38.2	97.0	37.3	16.9	40.6	103.1	38.0	17.2
Bangor Street	37.6	95.5	34.7	15.7	39.2	99.6	36.7	16.6	41.0	104.1	38.2	17.3
Bank Top	37.2	94.5	32.1	14.5	36.6	93.0	36.2	16.4	40.9	103.9	38.7	17.5
Blakey Moor C. ....	...	...	...	...	...	...	...	...	...	...	...	...
Cedar Street	36.9	93.7	33.6	15.2	38.9	98.8	33.9	15.4	42.7	108.4	41.3	18.3
Christ Church	36.9	93.7	33.8	15.3	38.9	98.8	35.1	15.9	41.9	106.4	37.8	17.1
Emmanuel	37.3	96.0	35.7	16.2	37.7	95.7	34.0	15.4	40.5	102.8	38.6	17.5
Furthergate	37.9	96.2	35.9	16.3	37.1	94.2	33.7	15.3	40.3	102.4	37.5	17.0
Four Lanes End .....	...	...	...	...	...	...	...	...	42.3	107.4	39.9	18.1
Griffin	37.8	96.0	36.4	16.5	36.2	92.0	32.6	14.8	39.8	101.1	36.6	16.6
Holy Trinity	36.8	93.4	33.2	15.0	37.8	96.0	35.3	16.0	40.0	101.6	39.1	17.7
Lower Darwen C.	36.5	92.7	32.5	14.7	39.4	100.1	36.3	16.4	42.0	106.7	40.0	18.1
Maudsley Street	35.5	90.2	29.5	13.3	41.0	104.1	40.1	18.2	40.0	101.6	36.8	16.7
Moss Street	36.6	93.0	32.8	14.9	37.7	95.7	34.6	15.7	40.8	103.6	39.3	17.8
Mill Hill C.	37.3	94.7	33.1	15.0	39.4	100.1	35.2	15.9	39.7	100.8	35.5	16.1
Norfolk Street	33.3	92.2	29.5	13.3	37.3	95.7	31.8	14.2	40.0	101.6	37.0	16.8
Park Road	35.4	89.9	32.2	15.0	37.7	95.7	34.5	15.6	40.2	102.1	36.8	16.7
Sacred Heart .....	...	...	...	...	...	...	...	...	41.9	106.4	39.8	18.0
St. Alban's	33.3	84.6	29.5	13.3	36.1	91.7	33.3	15.1	39.3	99.8	35.5	16.1
St. Anne's	35.8	90.9	32.0	14.5	36.8	93.4	34.4	15.6	39.5	100.3	36.4	16.5
St. Andrew's	39.2	99.6	41.5	18.8	39.0	99.0	36.1	16.4	41.3	104.9	40.5	18.3

TABLE XIV.—Continued.

FEMALES—Average Heights and Weights.

SCHOOL.	3 TO 4 YEARS.			4 TO 5 YEARS.			5 TO 6 YEARS.		
	Average height in inches	Average height in centi- metres	Average weight in pounds	Average weight in kilo- grammes	Average height in inches	Average height in centi- metres	Average weight in pounds	Average weight in kilo- grammes	
St. Barnabas'	36.7	93.2	34.4	15.6	38.9	98.8	36.2	16.4	
St. Bartholomew's ..	38.0	96.5	37.2	16.8	40.3	102.4	37.7	17.1	
St. Gabriel's .....	...	...	...	...	...	...	...	...
St. James', Shear Br'w ..	...	...	...	...	...	...	...	...
" Black-a-M'r .....	...	...	...	...	...	...	...	...
" Guide	37.7	95.7	34.2	15.5	37.4	95.2	34.3	15.5	
St. John's .....	...	...	...	...	38.2	97.0	34.3	15.5
St. Joseph's	35.2	89.4	31.4	14.2	39.5	100.3	37.2	16.9	
St. Luke's	36.6	93.0	33.4	15.1	37.4	95.0	33.4	15.1	
St. Mary's	34.2	86.3	28.5	12.9	37.7	95.7	32.7	14.8	
St. Matthew's	35.7	90.7	32.6	14.8	37.6	95.5	33.0	14.9	
St. Michael's	35.7	90.7	32.1	14.5	37.9	96.2	34.7	15.7	
St. Paul's	36.3	92.2	35.3	16.0	36.8	93.4	34.2	15.5	
St. Peter's C.E.	38.0	96.5	36.5	16.5	38.8	98.7	35.3	16.0	
" R.C.	39.6	100.5	34.8	15.8	38.9	93.8	35.9	16.3	
St. Silas'	36.7	93.2	35.0	15.9	39.0	99.0	36.4	16.5	
St. Stephen's	34.3	87.1	31.8	14.2	37.9	96.2	34.6	15.7	
St. Thomas'	35.6	90.4	30.9	14.0	39.4	100.1	35.5	16.1	
Wensley Fold	37.7	95.7	33.7	15.3	39.0	99.0	34.5	15.6	
Witton Infants									
Averages	36.0	93.0	33.6	15.2	38.2	97.0	35.1	15.9	
					40.5	102.8	38.2	17.3	

TABLE XIV.—Continued.
FEMALES—Average Heights and Weights.

SCHOOL.	6 TO 7 YEARS.				7 TO 8 YEARS.				8 TO 9 YEARS.			
	Average height in inches	Average height in centimetres	Average weight in pounds	Average weight in kilograms	Average height in inches	Average height in centimetres	Average weight in pounds	Average weight in kilograms	Average height in inches	Average height in centimetres	Average weight in pounds	Average weight in kilograms
Accrington Road	42.1	106.8	42.3	19.2	47.1	119.6	54.1	24.5	46.0	116.8	46.6	21.1
Andley Range	42.0	106.6	41.1	18.6	...	...	...	...	46.1	117.1	46.8	21.2
Ali Saints'	41.5	105.4	40.1	18.2	44.0	111.7	42.0	19.0	48.0	121.9	52.5	23.8
Bangor Street	43.1	109.4	42.7	19.4	...	...	...	...	45.1	114.5	47.9	21.7
Bank Top	40.8	103.6	39.3	17.8	...	...	...	...	47.5	120.6	50.0	22.7
Blakey Moor C. ....	...	...	...	...	...	...	...	...	...	...	...	...
Cedar Street	44.8	113.8	50.5	22.9	...	...	...	...	...	...	...	...
Christ Church	42.3	107.4	39.6	17.9	43.2	109.7	40.5	18.3	49.6	126.0	50.7	23.0
Emmanuel	41.1	104.3	40.6	18.4	...	...	...	...	45.0	114.3	48.2	21.8
Furthergate	42.8	108.7	42.0	19.0	44.6	113.2	47.8	21.7	...	...	...	...
Four Lanes End	43.0	109.2	42.0	19.0	...	...	...	...	46.0	116.8	43.7	19.8
Griffin .....	...	...	...	...	43.9	111.5	46.8	21.2	...	...	...	...
Holy Trinity .....	...	...	...	...	...	...	...	...	44.4	112.8	47.8	21.7
Lower Darwen C.	41.5	105.4	37.2	16.9	45.2	114.8	48.5	22.0	43.2	109.7	46.7	22.1
Maudsley Street	42.8	108.7	40.6	18.4	43.5	110.5	41.7	18.9	44.5	113.0	45.5	20.6
Moss Street	42.6	108.2	40.5	18.4	44.9	114.0	49.2	22.3	46.2	117.4	49.0	22.2
Mill Hill C.	40.5	102.8	40.5	18.4	45.1	114.5	44.2	20.0	47.5	120.6	52.3	23.7
Norfolk Street	41.0	104.1	38.5	17.4	43.0	109.2	42.0	19.0	45.7	116.0	47.5	21.5
Park Road	42.4	107.7	39.6	17.9	42.0	106.6	39.5	17.9	...	...	...	...
Sacred Heart	42.8	108.7	43.8	19.8	...	...	...	...	47.8	121.4	54.5	24.7
St. Alban's	39.8	101.1	40.1	18.2	44.4	112.8	45.6	20.7	48.2	122.4	49.0	22.2
St. Anne's	39.4	100.1	37.2	16.9	44.2	112.2	48.5	22.0	49.0	124.4	57.2	25.9
St. Andrew's .....	...	...	...	...	...	...	...	...	47.2	119.9	49.5	22.4
...	...	...	...	...	...	...	...	...	44.5	113.0	49.2	22.3

TABLE XIV.—Continued.
FEMALES.—Average Heights and Weights.

SCHOOL.	6 TO 7 YEARS.				7 TO 8 YEARS.				8 TO 9 YEARS.			
	Average height in inches	Average height in centimetres	Average weight in pounds	Average weight in kilograms	Average height in inches	Average height in centimetres	Average weight in pounds	Average weight in kilograms	Average height in inches	Average height in centimetres	Average weight in pounds	Average weight in kilograms
St. Barnabas'	40.9	103.9	35.5	16.1	44.1	112.0	43.5	19.7	45.5	115.5	44.2	20.0
St. Bartholomew's ..	42.2	107.2	44.0	19.9	49.2	125.0	50.0	22.7	46.9	119.1	51.3	23.2
St. Gabriel's	42.6	108.2	41.0	18.6	...	...	...	...	45.5	115.5	44.7	20.3
St. James', Shear Br'w	45.0	114.3	43.5	19.7	...	...	...	...	46.1	117.1	51.7	23.4
" Black-a-M'r	43.3	110.0	43.3	19.6	46.5	118.1	47.7	21.6	48.7	123.7	52.5	23.8
" Guide	42.1	106.8	44.9	20.3	...	...	...	...	47.0	119.4	44.5	20.2
St. John's	40.7	103.4	37.7	17.1	40.2	102.1	35.0	15.9	45.2	114.8	45.7	20.7
St. Joseph's .....	...	...	...	...	44.6	113.3	44.8	20.3	48.5	123.2	51.5	23.3
St. Luke's	42.3	107.4	40.0	18.1	44.0	111.7	43.8	19.9	46.0	116.8	46.0	20.8
St. Mary's	41.8	106.2	39.6	17.9	42.5	107.9	43.5	19.7	43.0	109.2	45.2	20.5
St. Matthew's	41.7	105.9	40.3	18.3	42.8	108.7	44.3	20.1	47.8	121.4	50.0	22.7
St. Michael's	42.4	107.7	44.0	19.9	43.7	111.0	46.2	20.9	43.1	109.4	43.7	19.8
St. Paul's	45.8	116.3	52.3	23.7	...	...	...	...	44.8	113.8	46.6	21.1
St. Peter's C.E.	42.0	106.6	39.9	18.1	48.0	121.9	48.7	22.1	...	...	...	...
" R.C.	43.0	109.2	37.9	17.2	46.4	117.9	47.3	21.4	47.6	120.9	49.3	22.3
St. Silas' .....	...	...	...	...	...	...	...	...	49.7	126.2	60.2	27.3
St. Stephen's .....	...	...	...	...	48.0	121.9	49.2	22.3	46.0	116.8	49.7	22.5
St. Thomas'	44.0	111.7	43.2	19.6	...	...	...	...	47.0	119.4	50.5	22.9
Wensley Fold .....	...	...	...	...	...	...	...	...	45.5	114.3	44.8	20.3
Witton Infants .....	...	...	...	...	...	...	...	...	...	...	...	...
Averages	42.2	107.2	41.3	18.7	44.6	113.3	45.4	20.6	46.4	117.9	49.0	22.2

TABLE XIV.
FEMALES.—Average Heights and Weights.

SCHOOL	9 TO 10 YEARS.			10 TO 11 YEARS.			11 TO 12 YEARS.						
	Average height in inches	Average height in centimetres	Average weight in pounds	Average weight in kilograms	Average height in inches	Average height in centimetres	Average weight in pounds	Average weight in kilograms	Average height in inches	Average height in centimetres	Average weight in pounds	Average weight in kilograms	Average weight in grammes
Accrington Road	48.1	122.2	53.5	24.3	...	...	...	...	51.0	129.5	60.3	...	27.4
Audley Range	46.1	117.1	46.1	20.9	52.7	133.8	63.7	28.9	50.0	127.0	54.0	...	24.5
All Saints' .....	...	...	...	...	...	...	...	...	...	...	...	...	...
Bangor Street	47.2	119.9	51.2	23.2	50.0	127.0	55.9	25.4	53.1	134.9	65.9	...	29.9
Bank Top	46.7	118.6	54.0	24.5	...	...	...	...	49.7	126.2	56.0	...	25.4
Blakey Moor C.	52.1	132.3	64.2	29.1	51.0	129.5	60.5	27.4	54.5	138.4	72.7	...	33.0
Cedar Street	48.0	121.9	50.8	23.1	...	...	...	...	54.2	137.6	76.5	...	34.7
Christ Church .....	...	...	...	...	51.4	130.5	56.6	25.7	55.8	141.7	71.8	...	32.6
Emmanuel	51.0	129.5	56.1	25.4	46.2	117.4	50.7	23.0	49.8	126.5	56.8	...	25.8
Furthergate	41.8	106.2	41.8	18.9	52.3	132.8	62.6	28.4	...	...	...	...	...
Four Lanes End .....	...	...	...	...	51.7	131.3	55.2	25.0	52.5	133.4	69.8	...	31.7
Griffin	49.2	125.0	61.0	27.7	...	...	...	...	...	...	...	...	...
Holy Trinity .....	...	...	...	...	...	...	...	...	...	...	...	...	...
Lower Darwen C. ....	...	...	...	...	...	...	...	...	...	...	...	...	...
Maudsley Street	49.2	125.0	62.2	28.2	51.8	131.6	60.8	27.6	...	...	...	...	...
Moss Street	50.0	127.0	57.5	26.1	52.4	133.1	66.0	29.9	52.5	133.4	68.7	...	31.2
Mill Hill C.	47.4	120.4	51.1	23.2	47.8	121.4	49.8	22.6	53.9	136.9	65.5	...	29.7
Norfolk Street .....	...	...	...	...	51.5	130.8	68.7	31.2	...	...	...	...	...
Park Road	43.0	109.2	51.2	23.2	47.6	120.9	52.6	23.9	49.5	125.8	57.0	...	25.9
Sacred Heart .....	...	...	...	...	...	...	...	...	50.7	128.8	56.0	...	25.4
St. Alban's	46.5	118.1	52.7	23.9	48.7	123.7	54.0	24.5	49.3	125.2	55.0	...	24.9
St. Anne's	52.0	132.1	53.2	24.1	47.0	119.4	47.0	21.3	51.6	131.0	60.6	...	27.5
St. Andrew's .....	...	...	...	...	...	...	...	...	52.6	133.6	66.5	...	30.2

TABLE XIV.—Continued.
FEMALES.—Average Heights and Weights.

SCHOOL	9 TO 10 YEARS.				10 TO 11 YEARS.				11 TO 12 YEARS.			
	Average height in inches	Average height in centimetres	Average weight in pounds	Average weight in kilograms	Average height in inches	Average height in centimetres	Average weight in pounds	Average weight in kilograms	Average height in inches	Average height in centimetres	Average weight in pounds	Average weight in kilograms
St. Barnabas'	51.7	131.3	67.5	30.6	50.7	128.8	55.2	25.0	...	128.2	55.8	25.3
St. Bartholomew's ..	52.2	136.6	63.0	28.6	51.0	129.5	60.3	27.4	52.7	133.8	65.5	29.7
St. Gabriel's	49.5	125.7	59.2	26.9	...	...	...	...	...	...	...	...
St. James' Shear Br'w	...	...	...	...	...	...	...	...	...	...	...	...
" Black-a-M'r	...	...	...	...	...	...	...	...	...	...	...	...
" Guide	51.7	131.3	60.7	27.5	48.2	122.4	48.7	22.1	...	...	...	...
St. John's .....	...	...	...	...	50.2	127.5	57.5	26.1	50.8	129.0	60.8	27.6
St. Joseph's	47.3	120.2	53.8	24.4	47.4	120.4	56.0	25.4	51.7	131.3	63.3	28.7
St. Luke's	48.7	123.7	58.0	26.3	...	...	...	...	53.6	136.1	70.8	32.1
St. Mary's .....	...	...	...	...	48.4	123.0	53.8	24.4	...	...	...	...
St. Matthew's .....	...	...	...	...	49.2	125.0	60.2	27.3	...	...	...	...
St. Michael's .....	...	...	...	...	48.2	123.4	53.8	24.4	...	...	...	...
St. Paul's	52.5	133.3	67.5	30.6	49.1	124.7	57.7	26.2	...	...	...	...
St. Peter's C.E.	48.0	121.9	51.5	23.4	50.6	128.5	60.4	27.4	...	...	...	...
" R.C.	47.5	120.6	51.1	23.2	50.3	127.7	55.3	25.1	...	...	...	...
St. Silas'	47.0	119.4	48.0	21.8	50.2	127.5	56.9	25.5	50.5	128.2	54.2	24.6
St. Stephen's	50.2	127.5	51.0	23.1	50.2	127.5	56.0	25.4	...	...	...	...
St. Thomas'	49.5	125.7	56.7	25.7	51.0	129.5	71.0	32.2	56.7	144.0	102.5	46.5
Wensley Fold .....	...	...	...	...	50.0	127.0	57.5	26.1	...	...	...	...
Witton Infants .....	...	...	...	...	...	...	...	...	...	...	...	...
Averages	48.7	123.7	55.3	25.1	49.8	126.5	57.4	26.0	52.0	132.0	64.6	29.3

TABLE XV.

Conditions, Defects, etc., found in the 2647 newly admitted children examined.

SCHOOL.	Nutrition.			Clothing.			Footgear.			Cleanliness.			Teeth.			Nose & Thr't		Ext. Eye.		Middle Ear.	
	Excellent.	Good.	Medium.	Bad	Good.	Medium.	Bad.	Good.	Medium.	Bad.	Good.	Medium.	Good.	Medium.	Bad.	Good.	Defective.	Good.	Defective.	Good.	Defective.
Accrington Road	46	10	4	2	51	4	1	45	10	1	16	29	11	54	2	54	2	54	2	56	..
Audley Range	44	4	4	..	44	4	..	28	19	1	12	17	19	44	4	47	1	47	1	48	..
All Saints'	1	54	14	..	57	10	2	35	29	5	26	21	22	64	5	69	..	69	..	69	..
Bangor Street	3	115	16	1	117	17	1	111	23	..	47	39	49	121	14	134	..	134	..	134	..
Bank Top	42	6	..	..	26	21	1	23	23	2	10	24	14	40	8	46	2	46	..	48	..
Blakey Moor C. ....	..	13	5	..	17	1	..	12	6	..	4	5	9	17	1	18	..	18	..	18	..
Cedar Street	49	7	..	..	46	8	2	4	49	7	20	21	15	54	2	56	..	56	..	56	..
Christ Church	103	36	3	3	95	49	3	85	50	12	29	49	69	136	11	144	3	144	3	147	..
Emmanuel	51	16	1	1	63	11	4	27	3	3	23	17	28	62	6	67	1	67	1	68	..
Furthergate .....	..	69	5	..	65	8	1	67	5	2	28	24	22	72	2	73	1	74	1	74	..
Four Lanes End	21	..	..	..	21	..	..	21	..	..	7	4	10	19	2	20	1	21	..	21	..
Griffin	57	15	..	..	47	25	..	54	17	1	30	18	24	66	6	71	2	72	2	72	..
Holy Trinity	3	27	7	..	31	5	1	24	13	..	14	9	14	34	3	35	1	35	1	37	..
Lower Darwen C.	14	3	..	..	16	1	..	8	9	..	4	9	4	16	1	16	1	16	1	17	..
Maudsley Street .....	..	39	4	..	36	6	1	22	21	..	13	5	25	37	6	39	4	39	4	43	..
Moss Street	2	78	32	..	102	8	2	76	31	5	41	37	34	99	13	108	4	108	4	111	..
Mill Hill C.	66	30	1	1	73	18	6	40	53	4	33	34	30	87	10	93	4	93	4	97	..
Norfolk Street .....	..	26	7	..	29	4	..	18	12	3	11	13	9	30	3	33	..	33	..	32	..
Park Road	3	67	22	..	78	11	3	48	41	..	34	29	29	84	8	90	2	90	2	92	..
Sacred Heart .....	..	12	1	..	12	1	..	13	..	..	3	5	5	12	1	13	..	13	..	13	..
St. Alban's	4	26	9	..	33	5	1	14	14	6	13	12	14	33	6	39	..	39	..	38	..
St. Anne's	1	109	33	1	103	38	2	51	83	9	53	48	42	130	13	135	8	135	8	143	..
St. Andrew's .....	..	29	16	1	37	7	1	23	16	6	13	18	14	39	6	44	1	44	1	44	..

TABLE XVI.
Conditions, etc., found amongst the 2647 newly admitted
Children examined.

	Excellent.	Good.	Medium.	Bad.
	Percentage	Percentage	Percentage	Percentage
Nutrition.....	0·8	81·1	17·8	0·2
Clothing	62·5	36·5	0·9
Footgear	85·9	12·1	1·9
Cleanliness	59·6	36·4	3·9
Teeth	32·7	31·9	35·3

	Defective.
	Percentage
Nose and Throat Defects	8·5
External Eye Defects	2·4
. Middle Ear Defects (Otorrhœa)	0·2

Amongst the 2,647 newly-admitted children examined the following defects were found:—

	per cent.
Slightly Enlarged Neck Glands	35.9
Enlarged Tonsils	4.4
Dirty and Sore Heads	3.1
Enlarged Tonsils and Adenoids	2.7
Greatly Enlarged Neck Glands	2.6
Adenoids	1.4
All Ear Defects	1.4
Speech Defects	1.7
Rickets	0.9
Respiratory Diseases	0.8
Circulatory Diseases	0.8
Skin Diseases	0.9
Anæmia	0.7
Backward Children	0.4
Ringworm	0.4
Nervous Diseases	0.3
Tubercular Diseases	0.1
Other Diseases	0.2

TABLE XVII.— Males (Entrants).

AGES.	No. Examined.	AVERAGE HEIGHT.				AVERAGE WEIGHT.			
		Inches.		Centimetres.		Pounds.		Kilogrammes.	
		Blackburn.	Standard.	Blackburn.	Standard.	Blackburn.	Standard.	Blackburn.	Standard.
3- 4	173	36·6	36·2	92·9	92·0	33·5	35·0	15·2	15·9
4- 5	344	38·8	37·6	98·5	95·5	36·3	38·6	16·4	17·5
5- 6	445	40·7	39·7	103·3	100·8	38·9	40·9	17·6	18·5
6- 7	114	42·4	41·9	107·7	106·4	42·3	44·6	19·2	20·2
7- 8	55	44·5	44·6	113·0	113·3	46·3	50·7	21·0	23·0
8- 9	49	46·7	46·4	118·6	117·9	51·0	54·3	23·1	24·6
9-10	44	48·8	48·8	123·9	123·9	57·4	58·3	26·0	26·4
10-11	45	49·6	50·7	126·0	128·8	58·5	64·0	26·5	29·0
11-12	42	52·5	52·6	133·3	133·6	66·1	69·0	30·0	31·3

Therefore

Males at 3— 4 were 0.4 inches above the standard in height.
 „ „ 1.5 pounds below „ „ weight.
 „ 4— 5 were 1.2 inches above „ „ height.
 „ „ 2.3 pounds below „ „ weight.
 „ 5— 6 were 2.0 inches above „ „ height.
 „ „ 1.0 pounds below „ „ weight.
 „ 6— 7 were 0.5 inches above „ „ height.
 „ „ 2.3 pounds below „ „ weight.
 „ 7— 8 were 0.1 inches below „ „ height.
 „ „ 4.4 pounds below „ „ weight.
 „ 8— 9 were 0.3 inches below „ „ height.
 „ „ 3.3 pounds below „ „ weight.
 „ 9—10 were equal with the standard in height.
 „ „ 0.9 pounds below the standard in weight.
 „ 10—11 were 1.1 inches below „ „ height.
 „ „ 5.5 pounds below „ „ weight.
 „ 11—12 were 0.1 inches below „ „ height.
 „ „ 2.9 pounds below „ „ weight.

TABLE XVIII.—Females (Entrants).

AGES.	No. Examined.	AVERAGE HEIGHT.				AVERAGE WEIGHT.			
		Inches.		Centimetres.		Pounds.		Kilogrammes.	
		Blackburn.	Standard	Blackburn.	Standard	Blackburn.	Standard.	Blackburn.	Standard.
3- 4	161	36·6	35·3	93·0	89·7	33·6	30·8	15·2	13·9
4- 5	330	38·2	37·3	97·0	94·8	35·1	35·8	15·9	16·2
5- 6	449	40·5	39·7	102·8	100·8	38·2	40·3	17·3	18·3
6- 7	115	42·2	41·8	107·2	106·2	41·3	43·1	18·7	19·5
7- 8	56	44·6	43·5	113·3	110·5	45·4	46·2	20·6	20·9
8- 9	66	46·4	45·5	117·9	113·0	49·0	51·8	22·2	23·5
9-10	49	48·7	47·3	123·7	120·2	55·3	55·2	25·1	25·0
10-11	60	49·8	48·9	126·5	124·2	57·4	60·5	26·0	27·4
11-12	50	52·0	51·5	132·0	130·8	64·6	66·8	29·3	30·3

Therefore

Females at 3— 4 were 1.3 inches above the standard in height.
 „ „ 2.8 pounds above „ „ weight.
 „ 4— 5 were 0.9 inches above „ „ height.
 „ „ 0.7 pounds below „ „ weight.
 „ 5— 6 were 0.8 inches above „ „ height.
 „ „ 2.1 pounds below „ „ weight.
 „ 6— 7 were 0.4 inches above „ „ height.
 „ „ 1.8 pounds below „ „ weight.
 „ 7— 8 were 1.1 inches above „ „ height.
 „ „ 0.8 pounds below „ „ weight.
 „ 8— 9 were 0.9 inches above „ „ height.
 „ „ 2.8 pounds below „ „ weight.
 „ 9—10 were 1.4 inches above „ „ height.
 „ „ 0.1 pounds above „ „ weight.
 „ 10—11 were 0.9 inches above „ „ height.
 „ „ 3.1 pounds below „ „ weight.
 „ 11—12 were 0.5 inches above „ „ height.
 „ „ 2.2 pounds below „ „ weight.

B.—CHILDREN EXAMINED FOR THE SECOND OR THIRD TIME.

This group includes those children who have been examined medically at a previous routine inspection at School.

1,885 children were examined during the year, and they consisted of 896 boys and 989 girls.

Table XIX. shows these 1,885 children arranged according to age, sex, and the number examined at the various Schools.

Tables XX. and XXI. contain particulars of average heights and weights in various age-periods for males and females respectively.

The defects found at these 1,885 second examinations appear in Table XXII.

The males were below the standard in height and weight at both the age-periods.

The females were above the standard in height in both the age-periods, and below the standard in weight.

TABLE XIX. —Continued.
Numbers and Age Periods of Children examined for the Second or Third time.

SCHOOL,	6-7		7-8		8-9		9-10		10-11		11-12		Total		Total
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	
St. Barnabas's
St. Bartholomew's
St. Gabriel's	11	..	..	..	..	..	..	..	9	..	..	13	20	33
St. James's, Shear Brow	9	..	..	..	..	..	..	4	..	..	..	..	..	..
St. " " Black-a-Moor
St. " " Guide
St. John's
St. Joseph's	19	15	..	..	..	..	20	17	..	..	39	32	71
St. Luke's	31	32	..	..	..	..	20	32	..	..	51	64	115
St. Mary's	23	21	..	..	..	..	21	32	..	..	44	53	97
St. Matthew's	20	20	..	..	..	..	27	28	..	..	47	48	95
St. Michael's
St. Paul's	10	16	..	..	..	..	8	19	..	..	18	35	53
St. Peter's C.E.
St. " " R.C.
St. Silas's
St. Stephen's	22	19	..	..	..	..	38	27	..	..	60	46	106
St. Thomas's
St. Thomas's	23	29	..	..	..	..	23	25	..	..	46	54	100
Wensley Fold	6	6	..	..	..	..	..	..	..	..	6	6	12
Witton Infants
Total	422	444	..	..	..	..	474	545	..	..	896	989	1885

TABLE XX.
MALES.—Average Heights and Weights.—Second or Third Examination.

SCHOOL.	7 TO 8 YEARS.				SCHOOL.	7 TO 8 YEARS.			
	Average height in inches	Average height in centi-metres	Average weight in pounds	Average weight in kilogrammes		Average height in inches	Average height in centi-metres	Average weight in pounds	Average weight in kilogrammes
Accrington Road	44.5	113.0	45.6	20.7	St. Barnabas' .....	...	...	...	...
Audley Range	44.5	113.0	46.7	21.2	St. Bartholomew's ..	...	...	...	...
All Saints'	44.4	112.8	46.7	21.2	St. Gabriel's	45.6	115.8	47.7	21.6
Bangor Street	44.7	113.5	45.2	20.5	St. James', Shear Br'w	...	...	...	...
Bank Top .....	...	...	...	...	" Black-a-M'r	...	...	...	...
Blakey Moor C.	45.1	114.5	48.8	22.1	" Guide .....	...	...	...	...
Cedar Street .....	...	...	...	...	St. John's .....	...	...	...	...
Christ Church .....	...	...	...	...	St. Joseph's .....	...	...	...	...
Emmanuel .....	...	...	...	...	St. Luke's	45.2	114.8	47.8	21.7
Furthergate .....	...	...	...	...	St. Mary's	43.6	110.7	44.9	20.3
Four Lanes End .....	...	...	...	...	St. Matthew's	44.3	112.5	43.9	19.9
Griffin .....	...	...	...	...	St. Michael's	43.5	110.5	46.6	21.1
Holy Trinity	43.4	110.2	44.4	20.6	St. Paul's .....	...	...	...	...
Lower Darwen C. ....	...	...	...	...	St. Peter's C.E.	44.7	113.5	46.4	21.0
Maudsley Street	44.5	113.0	45.0	20.4	" R.C. ....	...	...	...	...
Moss Street	43.7	111.0	45.7	20.7	St. Silas' .....	...	...	...	...
Mill Hill C. ....	...	...	...	...	St. Stephen's	44.0	111.7	46.6	21.1
Norfolk Street .....	...	...	...	...	St. Thomas' .....	...	...	...	...
Park Road	43.7	111.0	45.1	20.4	Wensley Fold	45.1	114.5	46.9	21.3
Sacred Heart	44.2	112.2	45.9	20.8	Witton Infants	45.2	114.8	43.5	19.7
St. Alban's	43.1	109.4	44.0	19.9	Averages	44.4	112.8	45.8	20.8
St. Anne's .....	...	...	...	...	
St. Andrew's .....	...	...	...	...	

TABLE XXI.—
FEMALES.—Average Heights and Weights.—Second or Third Examination.

SCHOOL.	7 TO 8 YEARS.				SCHOOL.	7 TO 8 YEARS.			
	Average height in inches	Average height in centimetres	Average weight in pounds	Average weight in grammes		Average height in inches	Average height in centimetres	Average weight in pounds	Average weight in grammes
Accrington Road .....	...	...	...	...	St. Barnabas' .....	...	...	...	...
Audley Range	44.0	111.8	44.6	20.2	St. Bartholomew's .....	...	...	...	...
All Saints'	44.2	112.2	43.1	19.5	St. Gabriel's	44.4	112.8	44.7	20.3
Bangor Street	43.3	109.7	43.4	19.7	St. James', Shear Br'w .....	...	...	...	...
Bank Top	44.0	111.8	43.5	19.7	" Black-a-M'r .....	...	...	...	...
Blakey Moor C. ....	...	...	...	...	" Guide .....	...	...	...	...
Cedar Street	43.8	111.2	43.2	19.6	St. John's .....	...	...	...	...
Christ Church .....	...	...	...	...	St. Joseph's	43.3	109.7	44.2	20.0
Emmanuel .....	...	...	...	...	St. Luke's	43.4	110.2	42.0	19.0
Furthergate .....	...	...	...	...	St. Mary's	44.4	112.8	44.8	20.3
Four Lanes End .....	...	...	...	...	St. Matthew's	42.3	107.4	42.6	19.3
Griffin .....	...	...	...	...	St. Michael's .....	...	...	...	...
Holy Trinity	43.3	109.7	45.0	20.4	St. Paul's	44.5	113.0	45.3	20.5
Lower Darwen C.	45.4	115.3	44.6	20.2	St. Peter's C.E. ....	...	...	...	...
Maudsley Street	42.9	109.0	42.2	19.1	" R.C. ....	...	...	...	...
Moss Street .....	...	...	...	...	St. Silas'	43.5	110.5	43.4	19.7
Mill Hill C. ....	...	...	...	...	St. Stephen's .....	...	...	...	...
Norfolk Street .....	...	...	...	...	St. Thomas'	43.9	111.5	44.4	20.1
Park Road	44.5	113.0	46.2	20.9	Wensley Fold	45.0	114.3	46.0	20.8
Sacred Heart	43.2	109.7	44.3	20.1	Witton Infants .....	...	...	...	...
St. Alban's	43.8	111.8	43.3	19.6	Averages	43.9	111.5	44.0	19.9
St. Anne's .....	...	...	...	...	
St. Andrew's .....	...	...	...	...	

TABLE XXI.—Continued.

FEMALES—Average Heights and Weights.—Second or Third Examination.

SCHOOL.	10 TO 11 YEARS.				SCHOOL.	10 TO 11 YEARS.			
	Average height in inches	Average height in centimetres	Average weight in pounds	Average weight in grammes		Average height in inches	Average height in centimetres	Average weight in pounds	Average weight in grammes
Acreington Road .....	...	...	...	...	St. Barnabas' .....	...	...	...	...
Audley Range	49·3	125·2	56·4	25·6	St. Bartholomew's .....	...	...	...	...
All Saints'	48·0	121·9	53·9	24·4	St. Gabriel's	50·9	129·3	58·5	26·5
Bangor Street	50·5	128·2	62·2	28·2	St. James', Shear Br'w .....	...	...	...	...
Bank Top	49·5	125·7	57·3	26·0	" Black-a-M'r .....	...	...	...	...
Blakey Moor C.	51·2	130·0	60·1	27·2	" Guide .....	...	...	...	...
Cedar Street	50·3	127·7	58·7	26·6	St. John's .....	...	...	...	...
Christ Church .....	...	...	...	...	St. Joseph's .....	...	...	...	...
Emmanuel .....	...	...	...	...	St. Luke's	48·5	123·2	54·6	24·7
Furthergate .....	...	...	...	...	St. Mary's	48·7	123·7	54·2	24·6
Four Lanes End .....	...	...	...	...	St. Matthew's	49·9	126·7	58·1	26·3
Griffin .....	...	...	...	...	St. Michael's	48·2	122·4	54·5	24·7
Holy Trinity	49·0	124·4	57·0	25·8	St. Paul's .....	...	...	...	...
Lower Darwen C. ....	...	...	...	...	St. Peter's C.E.	49·8	126·5	56·5	25·6
Maudsley Street	48·7	123·7	53·2	24·1	R.C. ....	...	...	...	...
Moss Street	50·0	127·0	59·2	26·8	St. Silas' .....	...	...	...	...
Mill Hill C. ....	...	...	...	...	St. Stephen's	48·9	124·2	56·1	25·4
Norfolk Street .....	...	...	...	...	St. Thomas' .....	...	...	...	...
Park Road	50·2	127·5	54·9	24·9	Wensley Fold	49·7	126·2	57·1	25·9
Sacred Heart .....	...	...	...	...	Witton Infants .....	...	...	...	...
St. Alban's	48·6	123·4	57·5	26·1	Averages	49·4	125·5	56·7	25·7
St. Anne's	48·3	122·7	54·5	24·7	...	...	...	...	...
St. Andrew's .....	...	...	...	...	...	...	...	...	...

TABLE XXII.—Continued.
Conditions, Defects, etc., found in the 1885 Children examined for the Second or Third time.

SCHOOL.	Nutrition			Clothing			Footgear			Cleanliness			Teeth			Nose and Throat		Ext. Eye		Middle Ear	
	Excellent	Good	Medium	Bad	Good	Medium	Bad	Good	Medium	Bad	Good	Medium	Bad	Good	Medium	Good	Defective	Good	Defective	Good	Defective
St. Barnabas'	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
St. Bartholomew's	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
St. Gabriel's	3	26	4	...	24	9	...	31	1	...	24	9	...	5	10	33	...	33	...	...	...
St. James' Shear Br'w	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
" Black-a-M'r	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
" Guide	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
St. John's	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
St. Joseph's	3	58	10	...	32	38	1	59	11	...	23	44	...	18	17	59	...	67	4	71	...
St. Luke's	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
St. Mary's	7	89	18	1	44	70	1	86	27	2	40	60	...	18	31	101	...	109	6	114	...
St. Matthew's	3	79	15	...	49	48	...	85	11	1	45	48	...	15	32	85	...	91	6	97	...
St. Michael's	5	73	16	1	23	68	4	71	18	6	37	55	...	18	27	78	...	89	6	92	...
St. Paul's	...	...	...	...	...	...	...	...	...	...	...	...	...	9	16	48	...	52	1	52	...
St. Peter's C.E.	2	46	5	...	21	32	...	43	9	1	18	35	...	...	...	...	...	...	...	...	...
" R.C.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
St. Silas'	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
St. Stephen's	2	84	20	...	63	40	3	96	10	...	66	37	...	12	48	87	...	105	1	103	...
St. Thomas'	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Wensley Fold	3	77	20	...	57	43	...	83	13	4	57	42	...	25	26	85	...	94	6	99	...
Witton Infants	...	12	...	...	11	1	...	12	...	...	11	1	...	...	4	11	...	11	1	12	...
Total	82	1501	300	2	845	1001	39	1586	250	49	891	896	98	302	610	1609	276	1804	81	1863	22

TABLE XXIII.

**Conditions, etc., found amongst the 1885 Children examined
for the second or third time.**

	Excellent.	Good	Medium.	Bad.
	Percentage	Percentage	Percentage	Percentage
Nutrition	4·3	79·6	15·9	0·1
Clothing	44·8	53·1	2·0
Footgear	84·1	13·2	2·6
Cleanliness	47·2	47·5	5·2
Teeth	16·0	32·3	51·6

	Defective.
	Percentage
Nose and Throat Defects	14·6
External Eye Defects.....	4·2
Middle Ear Defects (Otorrhœa)	1·1

Amongst the 1,885 children examined for the second or third time the following defects were found:—

	per cent.
Slightly Enlarged Neck Glands	56.6
Enlarged Tonsils	10.7
Greatly Enlarged Neck Glands	5.4
Dirty and Sore Heads	4.9
Speech Defects	2.3
Enlarged Tonsils and Adenoids	2.2
All Ear Defects	2.1
Adenoids	1.7
Skin	1.4
Circulatory Diseases	1.4
Anæmia	1.4
Backward Children	0.8
Rickets	0.6
Respiratory Diseases	0.4
Ringworm	0.4
Nervous Diseases	0.3
Tubercular Diseases	0.1
Other Diseases	0.6

TABLE XXIV.

Males (Second or Third Examination).

AGES.	No. Examined.	AVERAGE HEIGHT.				AVERAGE WEIGHT.			
		Inches.		Centimetres.		Pounds.		Kilogrammes.	
		Blackburn.	Standard	Blackburn	Standard	Blackburn	Standard	Blackburn	Standard
7- 8	422	44.4	44.6	112.8	113.8	45.8	50.7	20.8	23.0
10-11	474	49.7	50.7	126.0	128.8	58.8	64.0	26.7	29.0

Therefore

Males at 7— 8 were 0.2 inches below the standard in height.
 „ „ 4.9 pounds below „ „ weight.
 „ 10—11 were 1.0 inches below „ „ height.
 „ „ 5.2 pounds below „ „ weight.

TABLE XXV.

Females (Second or Third Examination).

AGES.	No. Examined.	AVERAGE HEIGHT.				AVERAGE WEIGHT.			
		Inches.		Centimetres.		Pounds.		Kilogrammes.	
		Blackburn	Standard	Blackburn	Standard	Blackburn	Standard	Blackburn	Standard
7- 8	444	43.9	43.5	111.5	110.5	44.0	46.2	19.9	20.9
10-11	545	49.4	48.9	125.5	124.2	56.7	60.5	25.7	27.4

Therefore

Females at 7— 8 were 0.4 inches above the standard in height.

„ „ 2.2 pounds below „ „ weight.

„ 10—11 were 0.5 inches above „ „ height.

„ „ 3.8 pounds below „ „ weight.

C. LEAVERS, INCLUDING HALF-TIMERS.

In this group, 1,980 children, comprising 950 boys and 1,030 girls were examined between the ages of 12 and 14 years.

Of the 1,980 children, 1,158, comprising 529 boys and 629 girls, were engaged half the day in the cotton mills.

Of these 1,158 children, 486 boys and 549 girls were between 12 and 13 years of age.

Tables XXVI. to XXXIII. and Tables XXXVI. to XXXVIII. show particulars regarding the heights and weights of half-timers and non-half-timers, together with comparisons between these and the standard.

Tables XXXIV. and XXXV. show the defects found amongst the 1,980 leavers, including the half-timers.

The average number of half-timers during the past 12 months was 1,612, a decrease of 21 on the previous 12 months.

In the Report of the Board of Education 1912-13, the following particulars are given as to the number of half-timers in England since 1907-8, *viz.*:—

Half-Timers.

1907-8	1908-9	1909-10	1910-11	1911-12	1912-13
84,419	79,081	75,699	71,419	70,074	71,718

Of the 71,718 Half-Timers

23,516 were from the County of Lancashire.

17,498 from Lancashire County Boroughs.

11,170 from the West Riding of Yorkshire.

8,509 from the County Borough of Bradford.

The following Table shows the average number of Half-Timers on the rolls from 1890 to 1913-4:—

1890	.....	5,300	1905-6	.....	1,957
(a) 1893	.....	4,065	1906-7	.....	1,918
(b) 1896	.....	3,218	1907-8	.....	1,896
(c) 1899	.....	2,592	1908-9	.....	1,748
1900	.....	2,300	(d) 1909-10	.....	1,687
1901	.....	2,518	1910-11	.....	1,546
1902	.....	2,337	1911-12	.....	1,599
1903-4	.....	2,110	1912-13	.....	1,633
1904-5	.....	2,044	1913-14	.....	1,612

- (a) In 1893 the age for exemption was raised from 10 to 11 years.
- (b) In 1896 the qualifying Standard was raised from the 3rd to the 4th.
- (c) In 1899 the age for exemption was raised from 11 to 12 years.
- (d) In 1909 the qualifying Standards were raised from Standards IV. to V. for partial exemption, and from VI. to VII. for total exemption.

Previous to 1903-4, the figures are based on statements made in the months of March and September each year. From March, 1903, the figures show the average number per month in each year.

From the following Table the variation in the number of children at the stated ages attending the Elementary Schools of Blackburn will be seen:—

AGE.		1911-12.			1912-13.			1913-14.		
		Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total
3 and under	5	1048	983	2031	1019	990	2009	983	973	1956
5 "	7	2315	2320	4635	2413	2350	4763	2610	2488	5098
7 "	12	5616	5660	11276	5655	5878	11533	5641	5710	11351
12 "	15	1311	1430	2741	1386	1453	2839	1344	1397	2741
15 "	16	6	4	10	19	19	38	12	8	20
16 "	17	2	2	4	...	1	1	5	6	11
17 "	over	...	...	...	...	...	...	...	2	2
Total		10298	10399	20697	10492	10691	21183	10595	10584	21179

EXEMPTIONS.

The following shows the number of children registered for total and partial exemption during the 12 months:—

Total Exemption.

		By Attendance		By Proficiency			
		Qualification.	Standard VII.	By			
		Age 13.	Ages 12 & 13.	Age.			
1913-14	.....	1,685	..... 10	.....	266	.....	1,961
1912-13	.....	1,743	..... 11	.....	244	.....	1,998

Partial Exemption.

		By Attendance		By Proficiency			
		Qualification.	Standard V.				
1913-14	.....	1,682	.....	3	.....		1,685
1912-13	.....	1,573	.....	1	.....		1,574

The following are the occupations registered of the 3,370 children obtaining Half-Time or Full-Time Exemption by attendance qualification:—

	Half-Time.	Full Time.
Mills, Warehouses, &c.	1613	1475
Rope Works	18	14
Cycle Works	0	1
Machinists, &c. (girls)	6	30
Toffee Works (girls)	0	4
Paper Bag and Paper Works...	6	5
Tailors	0	4
Dressmaking, &c.	5	5
Heald and Reed Works	8	17
Retail Shops	1	4
Laundry Works	0	2
Wire Works	0	1
Printers	2	8
Plumbers	1	1
Joiners and Builders	0	3
Foundries (7), Tinplate Works		
(3)	3	7
Confectioners (girls)	0	2
Leather Works	1	1
Corporation Electricity Works..	0	1

Painter	1	...	0
Electrical Engineer	0	...	1
Watchmaker	0	...	1
Christmas Card Works	3	...	5
Bookbinding	0	...	2
Shoemakers	3	...	1
Cotton Waste Works	1	...	1
Baker (boy)	0	...	1
Office Boys (Commercial)	1	...	13
Office Boys (Solicitors)	0	...	9
Corporation Trams Department	0	...	5
Farm Hand	0	...	1
Errand Boys	9	...	37
Domestic (girls)	2	...	8
Card Works	0	...	2
P.O. Messengers	0	...	6
Milliners	0	...	4
Pawnbroker	0	...	1
Yarn Dyer	0	...	1
Mineral Water Works	0	...	1
Blacksmith	1	...	0
	<hr/>		
	1685		1685

TABLE XXVI.—Number of Leavers Examined.

SCHOOL.	Total Number of Children Examined.	12 TO 13 YEARS.						13 TO 14 YEARS.					
		Number of half- timers engaged in Cotton Industry		Number of half- timers engaged in Industries other than Cotton		Number of Non-half-timers		Number of half- timers engaged in Cotton Industry		Number of half- timers engaged in Industries other than Cotton		Number of Non-half-timers	
		M	F	M	F	M	F	M	F	M	F	M	F
Accrington Road	47	19	28	12	15	5	9	4	3	...	...	2	...
Audley Range	44	27	17	7	7	11	9	1	...	...	...	...	1
All Saints'	32	17	15	12	9	4	6	...	...	...	...	...	...
Banger Street	40	16	24	4	14	9	6	1	1	...	...	2	1
Bank Top	33	18	15	9	10	7	2	2	2	...	...	...	...
Cedar Street	74	41	33	22	17	16	16	1	...	...	...	1	...
Christ Church	95	47	48	32	24	7	10	1	12	...	...	3	2
Emmanuel	55	20	35	12	26	4	4	4	5	...	...	1	...
Furthergate	64	31	33	25	22	3	11	1	...	...	...	2	...
Four Lanes End	11	5	6	3	1	2	5	...	...	...	...	...	...
Griffin	49	19	30	13	18	5	5	...	3	...	...	...	4
Holy Trinity	54	22	32	10	20	8	8	2	2	...	...	...	2
Lower Darwen C.	19	10	9	5	6	4	1	...	2	...	...	1	...
Maudsley Street	39	19	20	9	9	6	11	2	...	...	...	...	...
Moss Street	80	45	35	27	21	15	10	...	3	...	...	1	...
Mill Hill C.	61	25	36	16	20	6	12	1	3	...	...	1	...
Norfolk Street	27	17	10	13	7	2	2	2	1	...	...	...	...
Park Road	46	18	28	10	21	6	5	1	1	...	...	...	1
Sacred Heart	9	4	5	1	...	2	5	...	...	...	...	1	...
St. Alban's	111	51	60	23	30	19	25	5	...	...	...	3	5
St. Anne's	64	36	28	14	10	15	13	2	...	2	...	3	2
St. Andrew's	32	19	13	11	5	6	5	...	3	...	...	1	...

TABLE XXVI.—continued.—Number of Leavers Examined.

SCHOOL.	Total Number of Children Examined	12 TO 13 YEARS.						13 TO 14 YEARS.									
		M		F		Number of half- timers engaged in Cotton Industry		Number of half- timers engaged in Industries other than Cotton		Number of half- timers engaged in Cotton Industry		Number of half- timers engaged in Industries other than Cotton		Number of Non-half-timers			
		M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
St. Barnabas's	45	28	17	10	5	...	...	12	4	4	3	5	4	...	1	1	3
St. Bartholomew's	30	19	11	12	9	...	...	4	2	2	...	3	2	...	...	...	...
St. Gabriel's	39	20	19	7	5	...	...	12	12	12	...	...	1	...	...	1	1
St. James's, Shear Brow	10	4	6	1	3	...	...	3	2	2	...	...	2	...	...	...	...
St. James's, Black-a-Moor	8	1	7	1	5	...	...	...	2	2	...	...	...	...	...	...	...
St. John's	11	5	6	5	6	...	...	...	...	...	...	...	...	...	...	...	...
St. Joseph's	52	35	17	13	2	4	1	14	10	10	...	...	...	1	...	3	4
St. Luke's	70	33	37	17	21	1	2	10	9	9	1	1	3	...	...	4	2
St. Mary's	55	25	30	19	17	3	...	3	8	8	...	...	4	...	...	...	1
St. Matthew's	69	27	42	12	28	3	2	7	9	9	1	1	1	...	2	4	2
St. Michael's	59	30	29	13	12	1	2	12	10	10	1	1	2	...	1	2	3
St. Paul's	67	23	44	13	26	2	2	6	11	11	...	...	4	...	1	...	...
St. Peter's C.E.	60	21	39	8	21	2	4	9	6	6	1	1	3	...	...	...	...
St. Peter's R.C.	39	16	23	6	11	1	...	5	7	7	...	...	2	...	...	4	3
St. Silas's	38	19	19	12	11	...	1	6	3	3	...	...	4	...	...	...	...
St. Stephen's	34	23	11	...	2	2	...	15	6	7	...	...	1	...	5	1	2
St. Thomas's	67	31	36	16	15	...	...	12	20	20	2	...	1	...	...	1	...
St. Thomas's	92	44	48	20	19	...	...	19	22	22	3	...	3	...	...	2	4
Wensley Fold	49	20	29	11	19	1	...	8	5	5	...	...	4	...	...	...	1
Total	1980	950	1030	486	549	44	18	319	329	43	80	5	5	53	5	49	49

TABLE XXVII.—Half-Timers engaged in the Cotton Industry.
AVERAGE HEIGHTS AND WEIGHTS OF HALF-TIMERS BETWEEN 12 AND 13 YEARS OF AGE.

SCHOOL	MALES				FEMALES					
	Number exam- ined.	Average height in inches	Average height in centi- metres	Average weight in pounds	Average weight in kilo- gr'mmes	Number exam- ined	Average height in inches	Average height in centi- metres	Average weight in pounds	Average weight in kilo- gr'mmes
Accrington Road	12	55.7	141.4	75.8	34.4	15	56.3	143.0	80.5	36.5
Audley Range	7	53.6	136.1	70.2	31.8	7	54.0	137.1	71.6	32.5
All Saints'	12	53.4	135.6	68.6	31.1	9	53.8	136.6	73.7	33.4
Bangor Street ...	4	54.1	137.4	70.3	31.9	14	54.9	139.4	76.6	34.7
Bank Top	9	53.9	136.9	69.6	31.6	10	55.6	141.2	76.7	34.8
Cedar Street	22	55.0	139.7	77.2	35.0	17	55.0	139.7	72.6	32.9
Christ Church	32	54.3	137.9	72.2	32.7	24	54.1	137.4	70.6	32.0
Emmanuel	12	53.9	136.9	70.9	32.1	26	54.5	138.4	71.8	32.6
Furthegate	25	53.7	136.4	73.1	33.1	22	54.1	137.4	73.3	33.2
Four Lanes End	3	54.8	139.2	78.0	35.4	1	55.7	141.4	89.7	40.7
Griffin	13	54.7	138.9	77.7	35.2	18	55.2	140.2	72.3	32.8
Holy Trinity	10	53.2	135.1	68.2	30.9	20	54.4	138.2	76.1	34.5
Lower Darwen C.	5	56.1	142.5	73.0	33.1	6	54.0	137.1	68.9	31.2
Maudsley Street	9	53.7	136.4	71.6	32.5	9	53.4	135.6	68.0	30.8
Moss Street	27	53.3	135.4	70.3	31.9	21	54.2	137.7	71.1	32.2
Mill Hill C.	16	54.6	138.7	73.9	33.5	20	55.3	140.4	72.5	32.9
Norfolk Street	13	55.0	139.7	73.3	33.2	7	54.8	139.2	80.5	36.5
Park Road	10	53.5	133.2	69.9	31.7	21	53.4	135.6	69.2	31.4
Sacred Heart	1	57.0	144.7	83.2	37.7	...	...	...	...	...
St. Alban's	23	54.1	137.4	72.1	32.7	30	54.4	138.2	70.5	32.0
St. Anne's	14	53.9	136.9	71.5	32.4	10	54.2	137.7	69.5	31.5
St. Andrew's	11	53.6	136.1	70.4	31.9	5	53.6	136.1	68.2	30.9
St. Barnabas'	10	53.0	134.6	66.7	30.2	5	55.1	139.9	71.8	32.6

TABLE XXVII.—Continued.—Half-Timers engaged in the Cotton Industry.

AVERAGE HEIGHTS AND WEIGHTS OF HALF-TIMERS BETWEEN 12 AND 13 YEARS OF AGE.

SCHOOL	MALES.				FEMALES.					
	Number exam- ined	Average height in inches	Average height in centi- metres	Average weight in pounds	Average weight in kilo- gr'mmes	Number exam- ined	Average height in inches	Average height in centi- metres	Average weight in pounds	Average weight in kilo- gr'mmes
St. Bartholomew's	12	54.9	139.4	74.3	33.7	9	55.5	140.9	76.2	34.5
St. Gabriel's	7	55.0	139.7	77.8	35.3	5	56.3	143.0	78.2	35.4
St. James's, Shear Brow	1	52.7	133.8	67.2	30.5	3	52.2	132.6	64.8	29.4
" " Black-a-Moor	1	58.5	148.6	95.0	43.1	5	55.9	142.0	73.4	33.3
" " Guide	5	53.1	134.9	69.3	31.4	6	54.5	138.4	73.1	33.1
St. John's	13	53.7	136.4	69.9	31.7	2	57.9	147.0	86.8	39.3
St. Joseph's	17	53.5	133.2	70.2	31.8	21	54.6	138.7	71.2	32.3
St. Luke's	19	53.6	136.1	71.9	32.6	17	54.8	139.2	71.9	32.6
St. Mary's	12	53.3	135.4	71.5	32.4	28	53.9	136.9	70.0	31.7
St. Matthew's	13	54.0	137.1	70.3	31.9	12	55.2	140.2	72.9	33.0
St. Michael's	13	54.2	137.7	73.3	33.2	26	53.9	136.9	72.2	32.7
St. Paul's	8	55.2	140.2	77.9	35.3	21	52.9	134.4	68.2	30.9
St. Peter's C.E.	6	52.8	134.1	68.0	30.8	11	55.2	140.2	77.4	35.1
" " R.C.	12	52.0	132.0	66.2	30.0	11	54.6	138.7	70.2	31.8
St. Silas' .....	...	...	...	...	...	2	57.1	145.0	76.9	34.9
St. Stephen's	16	54.2	137.7	74.3	33.7	15	55.0	139.7	73.3	33.2
St. Thomas'	20	52.6	133.6	67.5	30.6	19	54.5	138.4	72.6	32.9
Wensley Fold	11	53.5	133.2	70.1	31.8	19	54.7	138.9	74.8	33.9
	486	54.1	137.4	72.5	32.9	549	54.7	138.9	73.5	33.3

TABLE XXVIII.—Half-Timers engaged in the Cotton Industry.

AVERAGE HEIGHTS AND WEIGHTS OF HALF-TIMERS BETWEEN 13 AND 14 YEARS OF AGE.

SCHOOL	MALES.				FEMALES.					
	Number exam- ined	Average height in inches	Average height in centi- metres	Average weight in pounds	Average weight in kilo- gr'mmes	Number exam- ined	Average height in inches	Average height in centi- metres	Average weight in pounds	Average weight in kilo- gr'mmes
Accrington Road	...	55.7	141.4	78.2	35.4	3	57.3	145.5	88.7	40.2
Audley Range	4	56.0	142.2	90.0	40.8	...	...	...	...	...
All Saints'	1	...	...	...	...	...	...	...	...	...
Bangor Street	...	...	...	...	...	1	56.7	144.0	90.2	40.9
Bank Top	2	54.6	138.7	71.0	32.2	2	58.0	147.3	82.8	37.5
Cedar Street	1	55.2	140.2	73.0	33.1	...	...	...	...	...
Christ Church	4	53.1	134.9	68.5	31.1	12	55.2	140.2	73.8	33.5
Emmanuel	3	54.5	138.4	75.6	34.3	5	56.6	143.7	84.5	38.3
Furthergate	1	57.2	145.3	84.7	38.4	...	...	...	...	...
Four Lanes End	...	...	...	...	...	...	...	...	...	...
Griffin	...	...	...	...	...	3	57.3	145.5	88.6	40.1
Holy Trinity	2	55.8	141.7	76.6	34.7	2	52.5	133.3	71.0	32.2
Lower Darwen C.	...	...	...	...	...	2	54.6	138.7	71.1	32.2
Maudsley Street	2	56.3	143.0	81.2	36.8	...	...	...	...	...
Moss Street	...	...	...	...	...	3	56.6	143.7	84.2	38.2
Mill Hill C.	1	59.0	149.8	86.2	39.1	3	57.7	146.5	83.2	37.7
Norfolk Street	2	55.6	141.2	75.1	34.0	1	54.2	137.6	80.5	36.5
Park Road	1	50.2	127.5	68.5	31.1	1	57.0	144.7	79.5	36.0
Sacred Heart	...	...	...	...	...	...	...	...	...	...
St. Alban's	1	55.5	140.9	91.0	41.2	...	...	...	...	...
St. Anne's	...	...	...	...	...	...	...	...	...	...
St. Andrew's	1	56.7	144.0	82.0	37.2	2	57.5	146.0	83.1	37.7
St. Barnabas'	5	54.9	139.4	74.2	33.6	3	59.1	150.1	90.1	40.7
						4	53.2	135.1	75.7	34.3

TABLE XXVIII.—Continued.—Half-Timers engaged in the Cotton Industry.

AVERAGE HEIGHTS AND WEIGHTS OF HALF-TIMERS BETWEEN 13 AND 14 YEARS OF AGE.

SCHOOL	MALES.				FEMALES.					
	Number exam- ined	Average height in inches	Average height in centi- metres	Average weight in pounds	Average weight in kilo- grammes	Number exam- ined	Average height in inches	Average height in centi- metres	Average weight in pounds	Average weight in kilo- grammes
St. Bartholomew's	3	55.8	141.7	82.9	37.6	..	..	..	..	..
St. Gabriel's .....	...	...	...	...	...	1	55.7	141.4	83.2	37.7
St. James's, Shear Brow .....	...	...	...	...	...	1	58.0	147.3	80.2	36.3
" Black-a-Moor .....	...	...	...	...	...	...	...	...	...	...
" Guide .....	...	...	...	...	...	...	...	...	...	...
St. John's .....	...	...	...	...	...	...	...	...	...	...
St. Joseph's	1	55.2	140.2	74.2	33.6	3	54.4	138.2	74.8	33.9
St. Luke's .....	...	...	...	...	...	4	56.4	143.2	77.3	35.1
St. Mary's	1	52.0	132.0	68.5	31.0	1	55.7	141.4	72.0	32.6
St. Matthew's	1	53.7	136.4	83.2	37.7	2	56.8	144.2	77.8	35.3
St. Michael's .....	...	...	...	...	...	4	54.2	137.6	73.5	33.3
St. Paul's	1	54.7	138.9	77.5	35.1	3	57.9	147.0	85.2	38.6
St. Peter's .....	...	...	...	...	...	2	59.2	150.3	88.1	39.9
C.E. .....	...	...	...	...	...	4	57.9	147.0	87.7	39.7
R.C. .....	...	...	...	...	...	...	...	...	...	...
St. Silas' .....	...	...	...	...	...	...	...	...	...	...
St. Stephen's	2	56.4	143.2	83.5	37.8	1	56.5	143.5	71.2	32.3
St. Thomas'	3	56.0	142.2	76.6	34.7	3	58.6	148.8	87.1	39.5
Wensley Fold .....	...	...	...	...	...	4	54.9	139.4	69.2	31.4
	43	55.2	140.2	78.3	35.5	80	56.4	143.2	80.5	36.5

TABLE XXIX.—Half-Timers engaged in the Cotton Industry.

AVERAGE HEIGHTS AND WEIGHTS OF MALES AND FEMALES COMBINED, BETWEEN THE AGES
OF 12 AND 13 YEARS, AND 13 AND 14 YEARS RESPECTIVELY.

SCHOOL	No. of boys and girls com- bined	12 TO 13 YEARS.				No. of boys and girls com- bined	13 TO 14 YEARS.			
		Average height in inches	Average height in centi- metres	Average weight in pounds	Average weight in kilo- gr'mmes		Average height in inches	Average height in centi- metres	Average weight in pounds	Average weight in kilo- gr'mmes
Accrington Road	27	57.0	144.8	78.1	35.4	3	57.3	145.5	88.7	40.2
Audley Range	14	53.8	136.6	70.9	32.1	4	55.7	141.4	78.2	35.4
All Saints'	21	53.6	136.1	71.1	32.2	1	56.0	142.2	90.0	40.8
Bangor Street	18	54.5	138.4	73.4	33.3	1	56.7	144.0	90.2	40.9
Bank Top	19	54.7	138.9	73.1	33.1	4	56.3	143.0	76.9	34.9
Cedar Street	39	55.0	139.7	74.9	34.0	1	55.2	140.2	73.0	33.1
Christ Church	56	54.2	137.7	71.4	32.4	16	54.1	137.4	71.1	32.2
Emmanuel	38	54.2	137.7	71.3	32.3	8	55.5	139.9	80.0	36.2
Furthergate	47	53.9	136.9	73.2	33.2	1	57.2	145.3	84.7	38.4
Four Lanes End	4	55.2	140.2	83.8	38.0	...	...	...	...	...
Griffin	31	54.9	139.8	75.0	34.0	3	57.3	145.6	88.6	40.2
Holy Trinity	30	53.8	136.6	72.1	32.7	4	54.1	137.4	73.8	33.4
Lower Darwen C.	11	55.0	139.7	70.9	32.1	2	54.6	138.6	71.1	32.2
Maudsley Street	18	53.5	135.9	69.8	31.6	2	56.3	143.0	81.2	36.8
Moss Street	48	53.7	136.4	70.7	32.1	3	56.6	143.7	84.2	38.2
Mill Hill C.	36	54.9	139.8	73.2	33.2	4	58.3	148.1	84.7	38.4
Norfolk Street	20	54.9	139.8	76.9	34.9	3	54.9	139.4	77.8	35.3
Park Road	31	53.4	135.6	69.5	31.5	2	53.6	136.1	74.0	35.5
Sacred Heart	1	57.0	144.8	83.2	37.7	...	...	...	...	...
St. Alban's	53	54.2	137.7	71.3	32.3	1	55.5	139.9	91.0	41.2
St. Anne's	24	54.0	137.1	70.5	32.0	2	57.5	146.0	83.1	37.6
St. Andrew's	16	53.6	136.1	69.3	31.4	4	57.9	147.0	86.0	39.0

TABLE XXIX.—Continued. —Half-Timers engaged in the Cotton Industry.

AVERAGE HEIGHTS AND WEIGHTS OF MALES AND FEMALES COMBINED, BETWEEN THE AGES
OF 12 AND 13 YEARS, AND 13 AND 14 YEARS RESPECTIVELY.

SCHOOL	No. of boys and girls com- bined	12 TO 13 YEARS.				No. of boys and girls com- bined	13 TO 14 YEARS.			
		Average height in inches	Average height in metres	Average weight in pounds	Average weight in kilo- gr'mmes		Average height in inches	Average height in metres	Average weight in pounds	Average weight in kilo- gr'mmes
St. Barnabas'	15	54.0	137.1	69.2	31.4	9	54.0	137.1	74.9	34.0
St. Bartholomew's	21	55.2	139.9	75.2	34.1	3	55.8	141.7	82.9	37.6
St. Gabriel's	12	55.6	141.2	78.0	35.4	1	55.7	141.4	83.2	37.7
St. James's, Shear Brow	4	52.4	133.1	66.0	29.9	1	58.0	147.3	80.2	36.3
" " Black-a-Moor	6	57.2	145.3	84.2	38.2	...	...	...	...	...
" " Guide	11	53.8	136.6	71.2	32.3	...	...	...	...	...
St. John's	15	55.8	141.7	78.3	35.5	...	...	...	...	...
St. Joseph's	38	54.0	137.1	70.7	32.1	4	54.8	139.2	74.5	33.8
St. Luke's	36	54.2	137.7	71.9	32.6	4	56.4	143.2	77.3	35.1
St. Mary's	40	53.6	136.1	70.7	32.1	2	53.8	136.6	70.2	31.8
St. Matthew's	25	54.6	138.7	71.6	32.5	3	55.2	140.2	80.5	36.4
St. Michael's	39	54.0	137.1	72.7	33.0	4	54.2	137.7	73.5	33.3
St. Paul's	29	54.0	137.1	73.0	33.1	4	56.3	143.0	81.3	36.8
St. Peter's	17	54.0	137.1	72.7	33.0	2	59.2	150.3	88.1	39.9
" " R.C.	23	53.3	135.4	68.2	30.9	4	57.9	147.0	87.7	39.8
St. Silas'	2	57.1	145.0	76.9	34.9	...	...	...	...	...
St. Stephen's	31	54.6	138.7	73.8	33.5	3	56.4	143.2	77.3	35.0
St. Thomas'	39	53.5	135.9	70.0	31.7	6	57.3	145.5	81.8	37.0
Wensley Fold	30	54.1	137.4	72.4	32.8	4	54.9	139.4	69.2	31.4
	1035	54.4	138.2	73.0	33.1	123	55.3	141.7	79.4	35.9

TABLE XXX.—Half-Timers engaged in Industries other than Cotton.

AVERAGE HEIGHTS AND WEIGHTS AT 12 TO 13 YEARS OF AGE.

SCHOOL	MALES.				FEMALES.					
	Number exam- ined	Average height in inches	Average height in centi- metres	Average weight in pounds	Average weight in kilo- gr'mmes	Number exam- ined	Average height in inches	Average height in centi- metres	Average weight in pounds	Average weight in kilo- grammes
Accrington Road .....	...	...	...	...	...	1	50.0	127.0	74.5	33.8
Audley Range	5	56.1	142.5	80.3	36.4	...	...	...	...	...
All Saints' .....	...	...	...	...	...	...	...	...	...	...
Bangor Street	1	52.5	133.3	70.5	32.0	2	55.3	140.4	73.2	33.2
Bank Top .....	...	...	...	...	...	...	...	...	...	...
Cedar Street	1	54.0	137.1	72.5	32.9	...	...	...	...	...
Christ Church	1	56.0	142.2	74.5	33.8	...	...	...	...	...
Emmanuel .....	...	...	...	...	...	...	...	...	...	...
Furthergate .....	...	...	...	...	...	...	...	...	...	...
Four Lanes End .....	...	...	...	...	...	...	...	...	...	...
Griffin	1	53.2	135.1	67.0	30.4	...	...	...	...	...
Holy Trinity	2	52.3	132.8	69.5	31.5	...	...	...	...	...
Lower Darwen C. ....	...	...	...	...	...	...	...	...	...	...
Maudsley Street	2	57.0	144.7	82.5	37.4	...	...	...	...	...
Moss Street	2	54.8	139.2	68.8	31.2	1	55.0	139.7	71.2	32.3
Mill Hill C.	1	52.5	133.3	62.0	28.1	1	54.2	137.6	66.5	30.2
Norfolk Street .....	...	...	...	...	...	...	...	...	...	...
Park Road	1	57.0	144.7	79.5	36.0	...	...	...	...	...
Sacred Heart .....	...	...	...	...	...	...	...	...	...	...
St. Alban's	5	55.4	140.7	74.7	33.9	...	...	...	...	...
St. Anne's	2	53.5	135.9	69.3	31.4	1	48.0	121.9	56.0	25.4
St. Andrew's .....	...	...	...	...	...	...	...	...	...	...
St. Barnabas' .....	...	...	...	...	...	...	...	...	...	...

TABLE XXX.—Continued.—Half-Timers engaged in Industries other than Cotton.

AVERAGE HEIGHTS AND WEIGHTS AT 12 TO 13 YEARS OF AGE.

SCHOOL	MALES.				FEMALES.					
	Number exam- ined	Average height in inches	Average height in centi- metres	Average weight in pounds	Average weight in kilo- gr'mmes	Number exam- ined	Average height in inches	Average height in centi- metres	Average weight in pounds	Average weight in kilo- gr'mmes
St. Bartholomew's .....	...	...	...	...	...	...	...	...	...	...
St. Gabriel's .....	...	...	...	...	...	...	...	...	...	...
St. James's, Shear Brow .....	...	...	...	...	...	...	...	...	...	...
" Black-a-Moor .....	...	...	...	...	...	...	...	...	...	...
" Guide .....	...	...	...	...	...	...	...	...	...	...
St. John's	4	50.9	129.3	65.7	29.8	1	52.5	133.3	66.7	30.2
St. Joseph's	1	52.7	133.8	60.7	27.5	2	53.2	135.1	65.8	29.8
St. Luke's	3	52.1	132.3	74.0	33.5	...	...	...	...	...
St. Mary's	3	54.1	137.4	72.0	32.6	2	57.3	145.5	85.3	38.6
St. Matthew's	1	55.5	140.9	72.0	32.6	...	...	...	...	...
St. Michael's	2	53.1	134.9	72.8	33.0	2	51.8	131.6	69.8	31.6
St. Paul's	2	52.8	134.1	62.5	28.3	4	55.1	139.9	75.7	34.3
St. Peter's	1	52.0	132.0	78.5	35.6	...	...	...	...	...
" C.F. ....	...	...	...	...	...	1	53.0	134.6	72.5	32.9
" R.C. ....	...	...	...	...	...	...	...	...	...	...
St. Silas'	2	57.1	145.0	74.6	33.8	...	...	...	...	...
St. Stephen's .....	...	...	...	...	...	...	...	...	...	...
St. Thomas' .....	...	...	...	...	...	...	...	...	...	...
Wensley Fold	1	52.0	132.0	67.0	30.4	...	...	...	...	...
	44	53.9	136.9	71.4	32.4	18	53.2	135.1	70.7	32.1

TABLE XXXI.—Half-Timers engaged in Industries other than Cotton.
AVERAGE HEIGHTS AND WEIGHTS AT 13 TO 14 YEARS OF AGE.

SCHOOL	MALES.				FEMALES.					
	Number exam- ined	Average height in inches	Average height in centi- metres	Average weight in pounds	Average weight in kilo- gr'mmes	Number exam- ined	Average height in inches	Average height in centi- metres	Average weight in pounds	Average weight in kilo- gr'mmes
Accrington Road
Andley Range
All Saints'
Bangor Street
Bank Top
Cedar Street
Christ Church
Emmanuel
Furthergate
Four Lanes End
Griffin
Holy Trinity
Lower Darwen C.
Maudsley Street
Moss Street
Mill Hill C.
Norfolk Street
Park Road
Sacred Heart
St. Alban's
St. Anne's
St. Andrew's	2	53·8	136·6	70·3	31·9	...	...	...	...	...
St. Barnabas'	1	56·7	144·0	74·5	33·8

TABLE XXXI.—Continued.—Half-Timers engaged in Industries other than Cotton.

AVERAGE HEIGHTS AND WEIGHTS AT 13 TO 14 YEARS OF AGE.

SCHOOL	MALES.				FEMALES.					
	Number exam- ined	Average height in inches	Average height in centi- metres	Average weight in pounds	Average weight in kilo- grammes	Number exam- ined	Average height in inches	Average height in centi- metres	Average weight in pounds	Average weight in kilo- grammes
St. Bartholomew's .....	..	..	..	..	..	..	..	..	..	..
St. Gabriel's .....	..	..	..	..	..	..	..	..	..	..
St. James's, Shear Brow .....	..	..	..	..	..	..	..	..	..	..
" " Black-a-Moor .....	..	..	..	..	..	..	..	..	..	..
" " Guide	1	63·7	161·8	117·2	53·1	..	..	..	..	..
St. John's .....	..	..	..	..	..	..	..	..	..	..
St. Joseph's .....	..	..	..	..	..	..	..	..	..	..
St. Luke's .....	..	..	..	..	..	2	54·8	139·2	75·0	34·0
St. Mary's .....	..	..	..	..	..	1	54·2	137·6	72·2	32·7
St. Matthew's .....	..	..	..	..	..	1	55·7	141·4	83·5	37·8
St. Michael's .....	..	..	..	..	..	..	..	..	..	..
St. Paul's	1	52·2	132·6	67·8	30·7	..	..	..	..	..
St. Peter's C.E. ....	..	..	..	..	..	..	..	..	..	..
" " R.C. ....	..	..	..	..	..	..	..	..	..	..
St. Silas'	1	52·0	132·0	60·2	28·2	..	..	..	..	..
St. Stephen's .....	..	..	..	..	..	..	..	..	..	..
St. Thomas' .....	..	..	..	..	..	..	..	..	..	..
Wensley Fold .....	..	..	..	..	..	..	..	..	..	..
	5	55·4	138·2	78·9	35·8	5	55·3	140·4	76·3	34·6

TABLE XXXII.—Non-Half-Timers.
 AVERAGE HEIGHTS AND WEIGHTS OF NON-HALF-TIMERS AT 12 TO 13 YEARS OF AGE.

SCHOOL	MALES.				FEMALES.					
	Number exam- ined	Average height in inches	Average height in centi- metres	Average weight in pounds	Average weight in ki o- gr'mmes	Number exam- ined	Average height in inches	Average height in centi- metres	Average weight in pounds	Average weight in kilo- gr'mmes
Accrington Road	5	54.1	137.1	73.1	33.1	9	55.1	139.9	74.7	33.9
Audley Range	11	53.0	134.6	69.7	31.6	9	52.5	133.3	62.8	28.5
All Saints'	4	53.5	135.9	73.5	33.3	6	54.5	138.4	67.3	30.5
Bangor Street	9	52.1	132.3	65.0	29.5	6	52.9	134.4	69.1	31.3
Bank Top	7	53.4	135.6	67.8	30.7	2	53.8	136.6	68.0	30.8
Cedar Street	16	52.2	132.6	67.0	30.4	16	53.7	136.4	70.8	32.1
Christ Church	7	53.4	135.6	68.8	31.2	10	53.7	136.4	69.3	31.4
Emmanuel	4	55.1	139.9	79.7	36.1	4	50.9	129.3	65.0	29.5
Furthergate	3	53.7	136.4	70.7	32.1	11	52.5	133.3	67.5	30.6
Four Lanes End	2	50.0	127.0	67.0	30.4	5	53.6	136.1	74.0	33.5
Griffin	5	54.0	137.1	67.7	30.7	5	55.6	141.2	77.3	35.0
Holy Trinity	8	51.8	131.6	66.2	30.0	8	52.3	132.8	67.6	31.6
Lower Darwen C.	4	54.7	139.9	71.1	32.2	1	57.2	145.3	69.7	31.6
Maudsley Street	6	54.3	137.9	71.8	32.5	11	53.4	135.6	67.3	30.5
Moss Street	15	53.1	134.9	66.6	30.2	10	54.6	138.6	73.4	33.3
Mill Hill C.	6	54.8	139.2	71.7	32.5	12	55.2	140.2	74.3	33.7
Norfolk Street	2	54.8	139.2	70.3	31.9	2	51.1	129.8	64.4	29.2
Park Road	6	52.3	132.8	65.5	29.7	5	55.4	140.7	77.8	35.3
Sacred Heart	2	53.0	134.6	69.1	31.3	5	57.4	145.8	77.9	35.3
St. Alban's	19	52.6	133.6	67.4	30.5	25	51.6	131.0	66.6	30.2
St. Anne's	15	52.6	133.6	69.0	31.3	13	52.3	132.8	67.3	30.5
St. Andrew's	6	54.1	137.4	70.1	31.8	5	55.0	139.7	77.8	35.3
St. Barnabas'	12	54.0	137.1	70.9	32.2	4	54.3	137.9	69.9	31.7

TABLE XXXII.—Continued.—Non-Half-Timers.

AVERAGE HEIGHTS AND WEIGHTS OF NON-HALF-TIMERS AT 12 TO 13 YEARS OF AGE.

SCHOOL	MALES.				FEMALES.					
	Number exam- ined	Average height in inches	Average height in centi- metres	Average weight in pounds	Average weight in kilo- grammes	Number exam- ined	Average height in inches	Average height in centi- metres	Average weight in pounds	Average weight in kilo- grammes
St. Bartholomew's	4	53.6	136.1	69.0	31.3	2	55.8	141.7	76.8	34.8
St. Gabriel's	12	54.2	137.6	71.5	32.4	12	54.8	139.2	74.9	33.9
St. James's, Shear Brow	3	52.5	133.3	63.2	28.6	2	51.1	129.8	59.0	26.7
" " Black-a-Moor .....	...	...	...	...	...	2	53.1	134.9	68.2	30.9
" " Guide .....	...	...	...	...	...	...	...	...	...	...
St. John's	14	55.1	139.9	73.1	33.1	10	54.7	139.9	69.5	31.5
St. Joseph's	10	52.3	132.8	65.3	29.6	9	53.9	136.9	70.9	32.1
St. Luke's	3	54.3	137.9	70.2	31.8	8	52.9	134.4	66.7	30.2
St. Mary's	7	53.8	136.6	69.5	31.5	9	51.2	130.0	65.9	29.9
St. Matthew's	12	52.3	132.8	68.1	30.9	10	52.8	134.1	68.8	31.2
St. Michael's	6	54.2	137.6	71.8	32.6	11	54.3	137.9	70.4	31.9
St. Paul's	9	53.6	136.1	73.4	33.3	6	54.9	139.4	79.2	35.9
St. Peter's C.E.	5	53.7	136.4	72.4	32.8	7	54.6	138.7	73.0	33.1
" " R.C.	6	54.1	137.4	70.9	32.1	3	55.0	139.7	69.5	31.5
St. Silas'	15	55.4	140.7	76.9	34.9	7	57.2	145.3	77.8	35.3
St. Stephen's	12	54.1	137.4	71.8	32.6	20	54.8	139.2	75.4	34.2
St. Thomas'	19	52.2	132.6	69.6	31.6	22	53.5	135.9	66.4	30.1
Wensley Fold	8	52.9	134.4	67.4	30.5	5	53.3	135.4	67.6	30.6
	319	53.4	135.6	70.0	31.7	329	53.9	136.9	70.5	32.0

TABLE XXXIII.—Non-Half-Timers.

AVERAGE HEIGHTS AND WEIGHTS OF NON-HALF-TIMERS AT 13 TO 14 YEARS.

SCHOOL	MALES.					FEMALES.				
	Number exam- ined	Average height in inches	Average height in centi- metres	Average weight in pounds	Average weight in kilo- grammes	Number exam- ined	Average height in inches	Average height in centi- metres	Average weight in pounds	Average weight in kilo- grammes
Accrington Road	2	55.4	140.7	72.5	32.9	1	58.0	147.3	92.0	41.7
Audley Range .....	...	...	...	...	...	...	...	...	...	...
All Saints' .....	...	...	...	...	...	...	...	...	...	...
Bangor Street	2	53.8	136.6	69.1	31.3	1	60.2	152.9	101.5	46.0
Bank Top .....	...	...	...	...	...	1	60.7	154.1	92.0	41.7
Cedar Street	1	52.0	132.0	68.7	31.1	...	...	...	...	...
Christ Church	3	56.6	143.7	84.0	38.1	2	56.6	143.7	80.0	36.3
Emmanuel	1	55.5	140.9	72.0	32.6	...	...	...	...	...
Furthergate	2	55.3	140.4	83.3	37.7	...	...	...	...	...
Four Lanes End .....	...	...	...	...	...	...	...	...	...	...
Griffin .....	...	...	...	...	...	...	...	...	...	...
Holy Trinity .....	...	...	...	...	...	4	56.0	142.2	70.6	32.0
Lower Darwen C.	1	60.2	152.9	91.8	41.6	2	54.3	137.9	71.3	32.3
Maudsley Street .....	...	...	...	...	...	...	...	...	...	...
Moss Street	1	50.7	128.7	68.7	31.1	...	...	...	...	...
Mill Hill C.	1	55.7	141.4	77.2	35.0	...	...	...	...	...
Norfolk Street .....	...	...	...	...	...	...	...	...	...	...
Park Road .....	...	...	...	...	...	1	57.2	145.3	80.0	36.3
Sacred Heart	1	52.0	132.0	65.0	29.5	...	...	...	...	...
St. Alban's	3	53.8	136.6	74.7	33.9	5	53.1	134.9	76.1	34.5
St. Anne's	3	54.1	137.4	75.2	34.1	2	55.9	142.0	79.3	35.4
St. Andrew's	1	56.5	143.5	77.2	35.0	...	...	...	...	...
St. Barnabas'	1	56.0	142.2	81.0	36.8	3	55.7	141.4	75.0	34.0

TABLE XXXIII.—Continued.—Non-Half-Timers.

AVERAGE HEIGHTS AND WEIGHTS OF NON-HALF-TIMERS AT 13 TO 14 YEARS.

SCHOOL	MALES.				FEMALES.					
	Number exam- ined	Average height in inches	Average height in centi- metres	Average weight in pounds	Average weight in kilo- grammes	Number exam- ined	Average height in inches	Average height in centi- metres	Average weight in pounds	Average weight in kilo- grammes
St. Bartholomew's	1	56.5	143.5	79.7	36.1	1	56.2	142.7	81.2	36.8
St. Gabriel's	...	...	...	...	...	...	...	...	...	...
St. James's, Shear Brow	...	...	...	...	...	...	...	...	...	...
" " Black-a-Moor	...	...	...	...	...	...	...	...	...	...
" " Guide	...	...	...	...	...	...	...	...	...	...
St. John's	3	55.6	141.2	73.0	33.1	4	58.2	147.8	83.0	32.3
St. Joseph's	4	52.1	132.3	65.6	29.7	2	56.5	143.5	83.1	37.6
St. Luke's	...	...	...	...	...	1	55.0	139.7	71.2	32.3
St. Mary's	4	55.2	140.2	72.2	32.7	2	52.5	133.3	66.2	30.0
St. Matthew's	3	54.6	138.6	71.3	32.3	3	52.2	132.6	69.3	31.4
St. Michael's	2	55.5	140.9	73.8	33.4	...	...	...	...	...
St. Paul's	...	...	...	...	...	4	54.8	139.2	75.8	34.3
St. Peter's C.E.	4	53.9	136.9	71.3	32.3	3	53.2	135.1	71.3	32.3
" " R.C.	1	62.2	157.9	95.0	43.1	...	...	...	...	...
St. Silas'	5	56.7	144.0	76.7	34.8	2	59.1	150.1	89.0	40.3
St. Stephen's	1	57.0	144.7	74.0	33.5	...	...	...	...	...
St. Thomas'	2	52.6	133.6	67.1	30.4	4	54.2	137.6	73.2	33.2
Wensley Fold	...	...	...	...	...	1	54.0	137.1	70.2	31.8
	53	55.1	139.9	75.2	34.1	49	55.9	142.0	78.6	35.7

TABLE XXXIV.
Conditions, Defects, etc., found in the 1980 Children leaving School.

SCHOOL	Nutrition			Clothing			Footgear			Cleanliness			Teeth			Nose and Throat		Ext. Eye		Middle Ear	
	Excellent	Good	Medium	Bad	Good	Medium	Bad	Good	Medium	Bad	Good	Medium	Bad	Good	Medium	Good	Defective	Good	Defective	Good	Defective
Accrington Road	44	3	7	...	40	7	...	46	1	...	32	14	1	6	24	17	46	47	...	47	...
Audley Range	37	7	...	...	22	22	...	40	3	1	21	15	1	14	17	13	40	42	2	44	...
All Saints'	3	24	5	...	9	22	1	23	9	...	15	15	2	9	12	11	28	31	1	31	1
Bangor Street	1	35	4	...	28	12	...	37	3	...	26	14	...	4	22	14	39	39	1	40	...
Bank Top	31	...	...	...	18	15	...	26	7	...	23	10	...	11	12	10	30	33	...	33	...
Cedar Street	4	60	10	...	46	28	...	71	3	...	53	16	...	...	35	27	59	71	3	74	...
Christ Church	79	16	...	...	46	48	1	76	16	3	55	37	3	15	50	30	88	94	1	95	...
Emmanuel	37	18	...	...	24	30	1	40	12	3	26	25	4	13	21	21	50	53	2	54	...
Furthergate	59	5	...	...	46	17	1	57	6	1	42	21	1	12	28	24	58	60	4	64	...
Four Lanes End	10	1	...	...	10	1	...	11	...	...	10	1	...	...	3	8	9	11	...	11	...
Griffin	44	5	...	...	31	18	...	48	1	...	39	10	...	18	23	8	47	49	...	48	...
Holy Trinity	2	36	16	...	14	38	2	47	7	...	23	23	8	20	17	5	50	52	2	52	2
Lower Darwen C.	13	6	...	...	14	5	...	15	3	1	10	9	...	7	7	17	17	17	2	19	...
Maudsley Street	33	6	...	...	17	22	...	22	3	1	22	15	2	12	21	6	37	38	1	39	...
Moss Street	1	69	10	...	48	32	...	75	5	...	58	18	4	13	40	27	73	78	2	80	...
Mill Hill C.	53	8	...	...	33	28	...	53	8	...	33	27	1	14	33	14	55	60	1	61	...
Norfolk Street	18	9	...	...	17	9	1	21	5	1	21	5	1	5	13	9	22	25	2	27	...
Park Road	1	36	9	...	21	25	...	38	7	1	24	16	6	16	15	15	40	45	1	45	1
Sacred Heart	7	2	...	...	9	...	...	7	2	...	9	...	...	3	6	9	9	9	...	9	...
St. Alban's	4	81	26	...	22	82	7	93	10	3	51	...	...	28	50	33	98	107	4	111	...
St. Anne's	3	53	8	...	12	49	3	43	10	6	27	28	9	15	29	20	55	62	2	64	...
St. Andrew's	18	13	1	...	17	14	1	23	6	3	18	13	1	5	21	6	29	32	...	30	...
St. Barnabas'	42	3	...	...	20	25	...	39	5	1	32	13	...	17	19	9	43	45	...	45	...

TABLE XXXIV.—Continued.
s etc., found in the 1980 Children leaving School.

SCHOOL	Nutrition			Clothing			Footgear			Cleanliness			Teeth			Nose and Throat		Ext. Eye		Middle Ear	
	Excellent	Good	Medium	Bad	Good	Medium	Bad	Good	Medium	Bad	Good	Medium	Bad	Good	Medium	Good	Defective	Good	Defective	Good	Defective
St. Bartholomew's ...	4	27	3	...	11	19	...	21	8	1	13	15	2	4	13	13	26	4	28	29	1
St. Gabriel's .....	...	35	...	...	26	13	...	38	1	...	31	8	...	5	24	10	34	5	39	38	1
St. James' Shear Br'w	...	8	2	...	9	1	...	10	...	...	6	4	...	...	2	8	9	1	10	10	...
" Black-a-M'r	...	6	2	...	3	5	...	3	5	...	6	2	...	1	3	4	...	...	7	11	...
" Guide ....	...	7	4	...	5	6	...	9	2	...	5	6	...	...	9	2	8	...	11	8	...
St. John's .....	...	46	6	...	49	3	...	47	5	...	40	12	...	...	19	32	50	2	51	52	...
St. Joseph's .....	...	58	12	...	19	50	...	51	18	...	33	35	2	29	29	12	64	6	68	69	...
St. Luke's	2	44	9	...	25	30	...	48	4	3	29	23	3	18	25	12	49	6	50	53	2
St. Mary's	3	51	15	...	25	44	...	60	9	...	26	34	9	27	26	16	64	5	66	69	...
St. Matthew's	3	49	7	...	31	27	...	49	9	...	38	18	3	17	27	15	51	8	55	58	...
St. Michael's	6	50	11	...	15	49	...	55	10	2	27	33	7	12	33	22	53	14	67	67	1
St. Paul's .....	...	47	13	...	23	36	...	34	9	...	34	24	2	19	25	16	54	6	59	60	...
St. Peter's C.E.	1	33	4	...	12	26	...	36	2	1	18	20	1	6	17	16	36	3	38	39	...
" R.C. ....	...	29	9	...	11	26	...	11	3	3	18	19	1	4	19	15	37	1	38	38	...
St. Silas' .....	...	32	2	...	30	4	...	32	2	...	29	4	1	4	10	33	33	1	34	...	...
St. Stephen's	2	58	7	...	42	24	...	62	2	3	46	18	3	16	28	23	65	2	67	67	...
St. Thomas'	1	67	24	...	25	66	...	71	19	2	42	46	4	24	40	28	82	10	89	90	2
Wensley Fold	6	39	4	...	25	24	...	44	5	...	22	24	3	20	21	8	45	4	47	47	2
Total	47	1605	326	2	950	1002	28	1685	253	42	1154	738	88	473	385	622	1792	138	1924	1962	18

TABLE XXXV.
Conditions, etc., found amongst the 1980 Leavers.

	Excellent.	Good.	Medium.	Bad.
	Percentage	Percentage	Percentage	Percentage
Nutrition	2·3	81·0	16·5	0·1
Clothing	48·0	50·6	1·4
Footgear	85·1	12·7	2·1
Cleanliness	58·3	37·2	4·4
Teeth	23·9	44·6	31·4

	Defective.
	Percentage
Nose and Throat Defects	9·4
External Eye Defects	2·8
Middle Ear Defects (Otorrhœa)	0·9

Amongst the 1,980 leavers examined the following defects were found :—

	per cent.
Slightly Enlarged Neck Glands	41.0
Enlarged Tonsils	6.0
Dirty and Sore Heads	3.4
Enlarged Tonsils and Adenoids	2.4
Greatly Enlarged Neck Glands	1.8
All Ear Defects	1.6
Anæmia	1.6
Circulatory Diseases	1.1
Adenoids	1.0
Speech	0.8
Skin	0.7
Tubercular Diseases	0.4
Nervous Diseases	0.1
Respiratory Diseases	0.2
Rickets	0.1
Ringworm	0.05
Infectious Diseases	0.05
Backward Children	0.05
Other Diseases	0.1

TABLE XXXVI.

Half-Timers engaged in Cotton Industry.

	12 TO 13 YEARS OF AGE.			
	MALES.		FEMALES.	
	Height in inches.	Weight in pounds.	Height in inches.	Weight in pounds.
Standard	53·7	73·0	53·9	74·9
Blackburn Schools	54·1	72·5	54·7	73·5
Result	0·4 above.	0·5 below.	0·8 above.	1·4 below.

	13 TO 14 YEARS OF AGE.			
	MALES.		FEMALES.	
	Height. in inches.	Weight in pounds.	Height. in inches.	Weight in pounds.
Standard	55·8	79·0	56·5	84·9
Blackburn Schools	55·2	78·3	56·4	80·5
Result	0·6 below.	0·7 below.	0·1 below.	4·4 below.

Therefore

Males at 12—13 were 0·4 inches above the standard in height.

„ „ 0·5 pounds below „ „ weight.

„ 13—14 were 0·6 inches below „ „ height.

„ „ 0·7 pounds below „ „ weight.

and

Females at 12—13 were 0·8 inches above the standard in height.

„ „ 1·4 pounds below „ „ weight.

„ 13—14 were 0·1 inches below „ „ height.

„ „ 4·4 pounds below „ „ weight.

TABLE XXXVII.

Half-Timers other than Cotton.

	12 TO 13 YEARS OF AGE.			
	MALES.		FEMALES.	
	Height in inches.	Weight in pounds.	Height in inches.	Weight in pounds.
Standard	53·7	73·0	53·9	74·9
Blackburn Schools	53·9	71·4	53·2	70·7
Result	0·2 above.	1·6 below.	0·7 below.	4·2 below.

	13 TO 14 YEARS OF AGE.			
	MALES.		FEMALES.	
	Height in inches.	Weight in pounds.	Height in inches.	Weight in pounds.
Standard	55·8	79·0	56·5	84·9
Blackburn Schools	55·4	78·9	55·3	76·3
Result	0·4 below.	0·1 below.	1·2 above.	8·6 below.

Therefore

Males at 12—13 were 0·2 inches above the standard in height.

“ “ 1·6 pounds below “ “ weight.

“ 13—14 were 0·4 inches below “ “ height.

“ “ 0·1 pounds below “ “ weight.

and

Females at 12—13 were 0·7 inches below the standard in height.

“ “ 4·2 pounds below “ “ weight.

“ 13—14 were 1·2 inches below “ “ height.

“ “ 8·6 pounds below “ “ weight.

TABLE XXXVIII.

Non-Half-Timers.

	12 TO 13 YEARS OF AGE.			
	MALES.		FEMALES.	
	Height in inches.	Weight in pounds.	Height in inches.	Weight in pounds.
Standard	53·7	73·0	53·9	74·9
Blackburn Schools	53·4	70·0	53·9	70·5
Result	0·3 below.	3·0 below.	Equal.	4·3 below.

	13 TO 14 YEARS OF AGE.			
	MALES.		FEMALES.	
	Height in inches.	Weight in pounds.	Height in inches.	Weight in pounds.
Standard	55·8	79·0	56·5	84·9
Blackburn Schools	55·1	75·2	55·9	78·6
Result	0·7 below.	3·8 below.	0·6 below.	6·3 below.

Therefore

Males at 12—13 were 0·3 inches below the standard in height.

„ „ 3·0 pounds below „ „ weight.

„ 13—14 were 0·7 inches below „ „ height.

„ „ 3·8 pounds below „ „ weight.

and

Females at 12—13 were equal to the standard in height.

„ „ 4·4 pounds below the standard in weight.

„ 13—14 were 0·6 inches below „ „ height.

„ „ 6·3 pounds below „ „ weight.

D.—HIGHER GRADE SCHOOL CHILDREN.

In this group 136 children were examined for the first time, and 342 children for the second or third time, making a total of 478 Higher Grade School children examined during the year.

Tables XXXIX. to XLVI. show the various particulars relating to these children.

TABLE XXXIX.—Higher Grade Schools.

Numbers and Age periods of the newly admitted Children examined.

SCHOOL.	5-6		6-7		7-8		8-9		9-10		10-11		11-12		12-13		13-14		14-15		15-16		Total.		Total.
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	
St. Alban's Higher Grade	...	...	...	...	1	...	2	...	...	...	...	1	...	...	...	...	...	...	...	...	...	4	...	4	105
Parish Higher Grade	13	19	7	10	7	2	8	6	4	2	3	2	11	7	8	2	4	3	3	1	...	...	68	54	122
Higher Elementary.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	3	3	2	1	...	...	5	5	10	
Totals.....	13	19	7	10	8	2	10	6	4	2	3	2	12	7	9	5	7	5	4	1	...	77	59	136	

TABLE XL.
Higher Grade Schools.

SCHOOL.	5 TO 6 YEARS.									
	MALES.					FEMALES.				
	Number exam- ined	Average height in inches	Average height in centi- metres	Average weight in pounds	Average weight in kilo- grammes	Number exam- ined	Average height in inches	Average height in centi- metres	Average weight in pounds	Average weight in kilo- grammes
St. Alban's Higher Grade .....	...	41.3	106.2	40.7	18.4	...	41.7	105.9	39.0	17.7
Parish Higher Grade	13	...	...	...	...	19	...	...	...	...
Higher Elementary .....	...	...	...	...	...	...	...	...	...	...
Average for the Schools		41.8	106.2	40.7	18.4		41.7	105.9	39.0	17.7
SCHOOL.	6 TO 7 YEARS.									
	MALES.					FEMALES.				
	Number exam- ined	Average height in inches	Average height in centi- metres	Average weight in pounds	Average weight in kilo- grammes	Number exam- ined	Average height in inches	Average height in centi- metres	Average weight in pounds	Average weight in kilo- grammes
St. Alban's Higher Grade .....	...	42.3	107.4	42.4	19.2	...	43.9	111.5	41.7	18.9
Parish Higher Grade	7	...	...	...	...	10	...	...	...	...
Higher Elementary .....	...	...	...	...	...	...	...	...	...	...
Average for the Schools .....	...	42.3	107.4	42.4	19.2		43.9	111.5	41.7	18.9
SCHOOL.	7 TO 8 YEARS.									
	MALES.					FEMALES.				
	Number exam- ined	Average height in inches	Average height in centi- metres	Average weight in pounds	Average weight in kilo- grammes	Number exam- ined	Average height in inches	Average height in centi- metres	Average weight in pounds	Average weight in kilo- grammes
St. Alban's Higher Grade	1	42.7	108.5	42.0	19.0	...	47.6	120.9	54.9	24.9
Parish Higher Grade	7	47.6	120.9	49.8	22.6	2	...	...	...	...
Higher Elementary .....	...	...	...	...	...	...	...	...	...	...
Average for the Schools		45.1	114.6	45.9	20.8	...	47.6	120.9	54.9	24.9

**TABLE XL.--Continued.
Higher Grade Schools.**

SCHOOL.	8 TO 9 YEARS.									
	MALES.					FEMALES.				
	Number exam- ined	Average height in inches	Average height in centi- metres	Average weight in pounds	Average weight in kilo- grammes	Number exam- ined	Average height in inches	Average height in centi- metres	Average weight in pounds	Average weight in kilo- grammes
St. Alban's Higher Grade	2	48.5	123.2	55.1	25.0	...	...	...	...	...
Parish Higher Grade	8	49.0	124.4	55.8	25.3	6	49.5	125.7	49.2	22.3
Higher Elementary .....	...	...	...	...	...	...	...	...	...	...
Average for the Schools		48.7	123.7	55.4	25.1	...	49.5	125.7	49.2	22.3
St. Alban's Higher Grade	9 TO 10 YEARS.									
	MALES.					FEMALES.				
	Number exam- ined	Average height in inches	Average height in centi- metres	Average weight in pounds	Average weight in kilo- grammes	Number exam- ined	Average height in inches	Average height in centi- metres	Average weight in pounds	Average weight in kilo- grammes
Parish Higher Grade	4	51.5	130.8	62.6	28.4	2	51.0	129.5	62.9	28.5
Higher Elementary .....	...	...	...	...	...	...	...	...	...	...
Average for the Schools		51.5	130.8	62.6	28.4		51.0	129.5	62.9	28.5
St. Alban's Higher Grade	10 TO 11 YEARS.									
	MALES.					FEMALES.				
	Number exam- ined	Average height in inches	Average height in centi- metres	Average weight in pounds	Average weight in kilo- grammes	Number exam- ined	Average height in inches	Average height in centi- metres	Average weight in pounds	Average weight in kilo- grammes
Parish Higher Grade	3	51.2	130.0	63.9	29.0	2	51.4	130.6	61.2	27.7
Higher Elementary .....	...	...	...	...	...	...	...	...	...	...
Average for the Schools		51.2	130.0	63.9	29.0		51.4	130.6	61.2	27.7

**TABLE XL.—Continued.
Higher Grade Schools.**

SCHOOL.	11 TO 12 YEARS.									
	MALES.					FEMALES.				
	Number exam- ined	Average height in inches	Average height in centi- metres	Average weight in pounds	Average weight in kilo- grammes	Number exam- ined	Average height in inches	Average height in centi- metres	Average weight in pounds	Average weight in kilo- grammes
St. Alban's Higher Grade	1	50.7	128.8	60.7	27.5	...	...	...	...	...
Parish Higher Grade	11	54.5	138.4	70.5	32.0	7	53.4	135.6	62.8	28.5
Higher Elementary .....	...	...	...	...	...	...	...	...	...	...
Average for the Schools		52.6	133.6	65.6	29.7		53.4	135.6	62.8	28.5
SCHOOL.	12 TO 13 YEARS.									
	MALES.					FEMALES.				
	Number exam- ined	Average height in inches	Average height in centi- metres	Average weight in pounds	Average weight in kilo- grammes	Number exam- ined	Average height in inches	Average height in centi- metres	Average weight in pounds	Average weight in kilo- grammes
St. Alban's Higher Grade .....	...	56.8	144.2	77.1	35.0	...	...	...	...	...
Parish Higher Grade	8	55.7	141.4	79.2	35.9	2	53.9	136.9	69.5	31.5
Higher Elementary	1	...	...	...	...	3	54.3	137.9	77.7	35.2
Average for the Schools		56.2	142.7	78.1	35.4		54.1	137.4	73.6	33.4
SCHOOL.	13 TO 14 YEARS.									
	MALES.					FEMALES.				
	Number exam- ined	Average height in inches	Average height in centi- metres	Average weight in pounds	Average weight in kilo- grammes	Number exam- ined	Average height in inches	Average height in centi- metres	Average weight in pounds	Average weight in kilo- grammes
St. Alban's Higher Grade .....	...	57.2	145.3	83.0	37.6	...	...	...	...	...
Parish Higher Grade	4	58.1	147.6	80.5	36.5	3	57.9	147.1	91.6	41.5
Higher Elementary	3	...	...	...	...	2	57.3	145.6	74.6	33.8
Average for the Schools		57.6	146.4	81.7	37.0		57.6	146.3	83.1	37.7

**TABLE XL.—Continued.
Higher Grade Schools.**

SCHOOL.	14 TO 15 YEARS.									
	MALES.					FEMALES.				
	Number exam- ined	Average height in inches	Average height in centi- metres	Average weight in pounds	Average weight in kilo- grammes	Number exam- ined	Average height in inches	Average height in centi- metres	Average weight in pounds	Average weight in kilo- grammes
St. Alban's Higher Grade	3	57.5	...	82.7	...	1	...	...	98.5	44.7
Parish Higher Grade	1	60.7	146.1	95.2	37.5	...	...	160.0	...	...
Higher Elementary			154.1		43.2	...	...	...	...	...
Average for the Schools		59.1	150.1	88.9	40.3		63.0	160.0	98.5	44.7

**TABLE XLI.—Higher Grade Schools.
Conditions, Defects, etc., found in the 136 newly admitted Children.**

SCHOOL	Nutrition			Clothing			Footgear			Cleanliness			Teeth			Nose & Throat		Ext. Eye		Middle Ear	
	Excellent	Good	Medium	Bad	Good	Medium	Bad	Good	Medium	Bad	Good	Medium	Bad	Good	Medium	Good	Defective	Good	Defective	Good	Defective
St. Alban's Higher Grade...	...	3	1	...	4	...	...	4	...	...	4	...	...	2	2	4	...	4	...	4	...
Parish Higher Grade	7	106	9	...	114	8	...	121	1	...	109	12	1	37	37	108	14	122	...	122	...
Higher Elementary .....	...	10	...	...	9	1	...	10	...	...	9	1	...	4	1	9	1	10	...	10	...
Totals.....	7	119	10	...	127	9	...	135	1	...	122	13	1	41	40	121	15	136	...	136	...

TABLE XLII.—HIGHER GRADE SCHOOLS.**Conditions, etc., found amongst the 136 Children examined.**

	Excellent.	Good.	Medium.	Bad.
	Percentage	Percentage	Percentage	Percentage
Nutrition.....	5.1	87.5	7.3	0.0
Clothing	93.3	6.6	0.0
Footgear	99.2	0.7	0.0
Cleanliness	89.7	9.5	0.7
Teeth	30.2	29.4	40.4

	Defective.
	Percentage
Nose and Throat Defects	11.0
External Eye Defects.....	0.0
Middle Ear Defects (Otorrhœa)	0.0

Amongst the 136 children examined at the Higher Grade Schools the following defects were found:—

	per cent.
Slightly Enlarged Neck Glands	52.0
Enlarged Tonsils	8.8
Greatly Enlarged Neck Glands	2.9
Circulatory Diseases	2.1
Enlarged Tonsils and Adenoids	1.4
Adenoids	0.7
Speech Defects	0.7
Rickets	0.7
All Ear Defects	0.7
Skin	0.7
Other Diseases	0.7

TABLE XLIII.—Higher Grade Schools.
Numbers and Age-periods of the Children examined for the Second or Third time.

SCHOOLS.	7-8		10-11		12-13		13-14		14-15		15-16		Total.		Total.
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	
St. Alban's Higher Grade.....	7	...	3	...	9	..	3	...	2	...	...	...	24	...	24
Parish Higher Grade... ..	10	13	28	21	23	24	10	10	3	7	1	..	75	75	150
Higher Elementary .....	...	...	...	...	40	29	31	26	18	12	6	6	95	73	168
Totals.....	17	13	31	21	72	53	44	36	23	19	7	6	194	148	342

TABLE XLIV.
Higher Grade Schools. Children examined for the Second or Third Time.

		7 TO 8 YEARS.					
SCHOOL.		MALES.			FEMALES.		
		Number examined	Average height in inches	Average height in centimetres	Average weight in pounds	Average height in inches	Average weight in kilograms
St. Alban's Higher Grade	7	45.7	116.1	49.4	22.4	...	...
Parish Higher Grade	10	46.5	118.1	50.4	22.8	...	20.7
Higher Elementary .....	...	...	...	...	...	...	...
Average for the Schools .....	...	46.1	117.1	49.9	22.6	114.8	45.8
10 TO 11 YEARS.							
		MALES.			FEMALES.		
		Number examined	Average height in inches	Average height in centimetres	Average weight in pounds	Average height in inches	Average weight in kilograms
St. Alban's Higher Grade	3	52.2	132.6	60.7	27.5	...	...
Parish Higher Grade	28	51.6	131.0	64.7	29.3	51.8	63.3
Higher Elementary .....	...	...	...	...	...	...	...
Average for the Schools .....	...	51.9	131.8	62.7	28.4	51.8	63.3
12 TO 13 YEARS.							
		MALES.			FEMALES.		
		Number examined	Average height in inches	Average height in centimetres	Average weight in pounds	Average height in inches	Average weight in kilograms
St. Alban's Higher Grade	9	54.6	138.7	73.4	33.3	...	...
Parish Higher Grade	23	55.3	140.4	74.7	33.9	54.9	72.5
Higher Elementary	40	55.6	141.2	74.8	33.9	56.4	78.7
Average for the Schools .....	...	55.5	140.0	74.3	33.7	55.7	75.6
Average for the Schools .....	...	...	...	...	...	141.4	34.3

TABLE XLIV.—Continued.
Higher Grade Schools. Children examined for the Second or Third Time.

SCHOOL.	13 TO 14 YEARS.									
	MALES.					FEMALES.				
	Number exam- ined	Average height in inches	Average height in centi- metres	Average weight in pounds	Average weight in kilo- grammes	Number exam- ined	Average height in inches	Average height in centi- metres	Average weight in pounds	Average weight in kilo- grammes
St. Alban's Higher Grade	3	57.2	145.3	79.8	36.2	..	..	..	..	..
Parish Higher Grade	10	56.7	144.0	83.1	37.7	10	58.3	148.1	86.7	39.3
Higher Elementary	31	60.0	152.4	82.2	37.3	26	58.2	147.8	82.4	37.4
Average for the Schools		57.9	147.0	81.7	37.0		58.2	147.8	84.5	38.3
SCHOOL.	14 TO 15 YEARS.									
	MALES.					FEMALES.				
	Number exam- ined	Average height in inches	Average height in centi- metres	Average weight in pounds	Average weight in kilo- grammes	Number exam- ined	Average height in inches	Average height in centi- metres	Average weight in pounds	Average weight in kilo- grammes
St. Alban's Higher Grade	2	59.1	150.1	89.3	40.5	..	..	..	..	..
Parish Higher Grade	3	63.3	153.2	88.9	40.3	7	57.9	147.0	88.7	40.2
Higher Elementary	18	59.7	151.6	88.0	39.9	12	61.3	155.8	98.0	44.4
Average for the Schools		59.7	151.6	88.7	40.2		59.6	151.4	93.3	42.3
SCHOOL.	15 TO 16 YEARS.									
	MALES.					FEMALES.				
	Number exam- ined	Average height in inches	Average height in centi- metres	Average weight in pounds	Average weight in kilo- grammes	Number exam- ined	Average height in inches	Average height in centi- metres	Average weight in pounds	Average weight in kilo- grammes
St. Alban's Higher Grade .....	..	..	..	..	..	..	..	..	..	..
Parish Higher Grade	1	67.0	170.2	121.5	55.1	..	..	..	..	..
Higher Elementary	6	63.6	161.5	108.1	49.0	6	63.3	160.8	101.3	45.9
Average for the Schools		65.3	165.8	114.8	52.0		63.3	160.8	101.3	45.9

TABLE XLV.—Higher Grade Schools.

Conditions, Defects, etc., found in the 342 Children examined for the Second or Third time.

SCHOOL	Nutrition.			Clothing.			Footgear.			Cleanliness.			Teeth			Nose & Thrt.		Ext. Eye		Middle Ear	
	Excellent	Good	Medium	Bad	Good	Medium	Bad	Good	Medium	Bad	Good	Medium	Bad	Good	Medium	Good	Defective	Good	Defective	Good	Defective
St. Alban's Higher Grade ...	1	22	1	..	18	6	..	22	2	..	17	7	..	7	7	10	23	1	23	24	..
Parish Higher Grade	8	133	9	..	130	20	..	146	4	..	131	19	..	32	54	64	126	3	147	148	2
Higher Elementary	2	146	20	..	152	16	..	166	2	..	150	18	..	62	69	37	156	2	166	166	2
Totals.....	11	301	30	..	300	42	..	334	8	..	298	44	..	101	130	111	305	336	338	338	4

TABLE XLVI.—HIGHER GRADE SCHOOLS.

Conditions, etc., found amongst the 342 Children examined
for the second or third time.

	Excellent.	Good.	Medium.	Bad.
	Percentage	Percentage	Percentage	Percentage
Nutrition.....	3·2	88·0	8·7	0·0
Clothing	87·7	12·2	0·0
Footgear	97·7	2·3	0·0
Cleanliness	87·2	12·8	0·0
Teeth	29·5	38·0	32·4

	Defective.
	Percentage
Nose and Throat Defects	10·8
External Eye Defects.....	1·7
Middle Ear Defects (Otorrhœa)	1·1

Amongst the 342 children examined for the second time at
the Higher Grade Schools the following defects were found:—

	per cent.
Slightly Enlarged Neck Glands	58.8
Enlarged Tonsils	8.2
Enlarged Tonsils and Adenoids	2.3
Greatly Enlarged Neck Glands	2.3
Anæmia	2.0
Skin	2.0
All Ear Defects	2.0
Speech Defects	1.7
Circulatory Diseases	0.8
Nervous Diseases	0.5
Adenoids	0.3
Ringworm	0.3
Backward Children	0.3
Tubercular Diseases	0.1

FURTHER OBSERVATIONS ON THE MEDICAL INSPECTION OF SCHOOL CHILDREN.

DEFECTIVE VISION.

During the year 1913, the vision of 2,541 children was tested by the teachers, who used Snellen's Test Types. These children were between 7 and 14 years of age. Of those whose visual acuity was found to be $\frac{6}{18}$ or worse, as many as possible were subjected to a re-examination by the School Medical Inspector. The results are set forth in the accompanying Tables.

All those with spectacles were tested whilst wearing the same.

53 Boys and 90 Girls were found to be wearing spectacles. The vision of 34 of these boys, or 64.1 per cent., and 56 of the girls, or 62.2 per cent., was still $\frac{6}{18}$ or worse in one or both eyes, in spite of the fact that they were wearing spectacles. Six children with defective vision who had spectacles were found not to be wearing them.

I would again emphasise the fact that it would prevent much disappointment and waste of money, if opticians would refer for skilled examination by an eye specialist all cases in which they find themselves unable to adjust the vision satisfactorily.

The number of children whose vision in one or both eyes was $\frac{6}{18}$ or worse was 506, or 19.9 per cent. Of these, 232 were boys and 274 were girls. Of the boys, 135 were defective in one eye, and 97 in both eyes. Of the girls, 124 were defective in one eye, and 150 in both eyes.

TABLE XLVII.

**Analysis of results of the Testing of the Vision of
2541 School Children.**

	Right Eye.		Left Eye.	
	Boys.	Girls.	Boys.	Girls.
	Per cent.	Per cent.	Per cent.	Per cent.
Normal	72·7	66·4	70·3	65·6
$\frac{6}{12}$	15·0	16·4	15·5	18·1
$\frac{6}{18}$	6·4	8·3	6·1	6·8
$\frac{6}{24}$	2·8	4·3	3·2	5·2
$\frac{6}{36}$	1·5	2·7	1·9	2·4
$\frac{6}{60}$ or worse	1·4	1·7	2·8	1·7

It will be observed that during the year under report the children's eyesight was tested by the teachers. It has, however, been arranged that in future this examination shall be carried out by the School Medical Inspector at each routine examination.

TABLE XLVIII.—VISION.—BOYS.

SCHOOL	No. exam- ined	Normal.		$\frac{6}{12}$		$\frac{6}{18}$		$\frac{6}{24}$		$\frac{6}{36}$		$\frac{6}{60}$ or worse.	
		R.	L.	R.	L.	R.	L.	R.	L.	R.	L.	R.	L.
Accrington Road	31	27	24	...	2	2	2	...	1	...	...	1	2
Audley Range	17	14	13	3	3	...	1	...	...	...	...	...	...
All Saints'	11	9	8	2	7	...	2	...	...	...	1	...	...
Bangor Street	36	22	25	12	1	1	...	...	...	1	...	...	1
Bank Top	16	14	14	...	4	4	...	2	1	...	...	...	...
Blakey Moor	26	10	11	4	4	5	7	...	...	...	...	5	3
Cedar Street	27	25	21	1	5	1	...	...	...	...	...	...	...
Christ Church	52	39	37	8	6	3	4	2	2	...	2	...	1
Emmanuel	22	18	18	2	3	...	...	1	2	...	1	...	1
Furthegate	45	34	32	5	6	4	3	1	2	...	1	...	...
Four Lanes End	13	7	6	2	2	1	1	1	...	2	2	1	2
Griffin	28	21	22	4	4	...	1	1	...	...	...	1	...
Holy Trinity	52	37	32	9	11	2	3	2	4	...	...	1	2
Lower Darwen C.	10	7	7	3	2	...	1	...	...	...	...	...	...
Maudsley Street	20	12	15	7	2	...	2	1	...	...	...	...	...
Moss Street	47	35	36	10	2	...	2	...	...	...	...	...	...
Mill Hill C.	35	16	18	6	3	1	4	...	...	1	...	1	6
Norfolk Street	18	16	17	1	1	1	...	...	3	1	1	2	...
Parish Higher Grade	78	46	48	15	1	10	6	5	3	1	3	1	1
Park Road	26	22	24	4	2	...	...	...	...	...	...	...	...
Sacred Heart	1	1	...	...	...	...	...	...	...	...	...	...	...
St. Alban's	56	40	41	8	6	3	4	5	3	...	...	...	1
St. Anne's	47	38	36	3	4	4	2	1	1	...	1	...	1
St. Andrew's	22	19	18	2	3	1	...	...	...	...	1	...	3

TABLE XLVIII.—VISION.—BOYS.—Continued.

SCHOOL	No. exam- ined	Normal.		$\frac{6}{12}$		$\frac{6}{18}$		$\frac{6}{24}$		$\frac{6}{36}$		$\frac{6}{48}$ or worse	
		R.	L.	R.	L.	R.	L.	R.	L.	R.	L.	R.	L.
St. Barnabas'	39	28	24	6	4	3	3	2	5	1	1	...	2
St. Bartholomew's	23	21	19	1	1	...	...	...	1	...	...	...	2
St. Gabriel's	17	14	15	...	...	...	1	1	1	...	...	...	...
St. James's, Shear Brow	8	8	7	...	...	...	...	...	...	...	...	...	...
" Black-a-Moor	4	2	2	2	2	...	...	...	...	...	...	...	...
" Guide	6	5	5	1	1	...	...	...	...	...	...	...	...
St. John's	53	48	48	10	11	3	2	...	...	...	...	1	1
St. Joseph's	45	32	30	6	9	2	3	...	...	...	...	...	...
St. Luke's	25	15	13	3	8	...	...	4	1	2	1	...	1
St. Mary's	27	19	14	3	7	2	2	...	...	...	...	...	...
St. Matthew's	23	13	13	5	8	2	2	...	...	...	...	1	1
St. Michael's	18	14	12	2	3	1	2	1	1	1	1	1	1
St. Paul's	34	21	18	4	6	6	7	2	1	2	1	...	1
St. Peter's	28	20	19	1	2	3	3	1	1	1	1	...	...
" C.E.	23	20	18	2	3	...	...	...	...	...	...	...	...
" R.C.	23	20	18	6	5	2	2	...	...	...	...	...	...
St. Silas'	44	37	35	6	5	...	...	...	...	...	...	...	...
St. Stephen's	33	21	29	9	3	2	2	...	...	...	...	1	1
St. Thomas'	45	27	24	11	15	5	3	...	...	...	...	1	...
Wensley Fold	15	12	8	2	4	...	...	...	...	1	3	...	...
Total	1246	906	876	188	194	80	76	35	41	19	24	18	35

TABLE XLIX.—VISION.—GIRLS.

SCHOOL	No. examined	Normal.		$\frac{6}{12}$		$\frac{6}{18}$		$\frac{6}{24}$		$\frac{6}{36}$		$\frac{6}{60}$ or worse	
		R.	L.	R.	L.	R.	L.	R.	L.	R.	L.	R.	L.
Accrington Road	38	27	29	7	5	3	2	...	1	...	1	1	1
Audley Range	12	6	9	5	3	...	...	...	...	...	...	...	...
All Saints'	19	8	7	6	8	...	...	...	...	...	...	...	...
Bangor Street	48	30	25	9	17	5	2	3	2	3	...	...	...
Bank Top	18	14	15	1	1	...	1	1	1	...	...	...	...
Blakey Moor	17	13	8	1	3	...	5	1	1	...	1	...	...
Cedar Street	25	19	19	2	2	3	2	...	2	1	...	...	...
Christ Church	61	44	47	8	5	5	4	2	2	2	...	...	...
Emmanuel	38	28	28	1	4	3	2	3	2	...	1	1	1
Furthergate	49	32	29	3	8	5	4	6	...	...	3	1	1
Four Lanes End	7	7	7	...	...	...	...	...	...	...	...	...	...
Griffin	41	29	26	3	6	4	2	3	4	3	...	...	...
Holy Trinity	37	25	21	8	8	1	4	2	...	...	1	...	...
Lower Darwen C.	12	11	9	1	3	...	...	...	...	...	...	...	...
Maudsley Street	23	12	16	9	4	...	...	...	...	...	1	...	...
Moss Street	29	17	14	6	10	3	2	1	1	1	1	1	1
Mill Hill C.	54	34	34	14	16	3	3	2	...	3	...	...	...
Norfolk Street	9	6	7	1	...	1	1	1	1	...	...	...	...
Parish Higher Grade	50	28	31	12	12	5	3	2	1	2	2	1	1
Park Road	40	25	26	7	6	5	5	...	3	...	1	...	...
Sacred Heart	...	...	...	...	...	...	...	...	...	...	...	...	...
St. Alban's	...	35	35	12	15	7	3	4	3	2	1	...	...
St. Anne's	46	23	26	11	8	9	7	...	3	1	...	1	1

TABLE XLIX.—VISION.—GIRLS.—Continued.

SCHOOL	No. exam- ined	Normal.		$\frac{6}{12}$		$\frac{6}{18}$		$\frac{6}{24}$		$\frac{6}{36}$		$\frac{6}{80}$ or worse	
		R.	L.	R.	L.	R.	L.	R.	L.	R.	L.	R.	L.
St. Andrew's	19	13	15	3	2	...	...	1	2	1	...	...	...
St. Barnabas'	27	15	15	4	3	1	2	1	3	1	3	1	1
St. Bartholomew's	23	19	17	...	1	1	1	...	2	2	...	2	2
St. Gabriel's	21	18	18	1	...	1	1	1	1	1	1	...	...
St. James's, Shear Brow	12	12	12	...	...	...	...	...	...	...	...	...	...
St. James's, Black-a-Moor	7	5	5	...	1	...	...	...	1	...	...	...	...
St. John's	17	15	15	2	2	...	...	...	...	...	...	...	...
St. Joseph's	39	24	29	9	7	3	1	1	1	1	...	1	1
St. Luke's	47	25	22	14	16	4	6	2	2	2	...	...	...
St. Mary's	21	8	5	8	11	3	1	...	2	2	1	...	1
St. Matthew's	39	36	34	...	1	2	1	1	1	1	1	1	1
St. Michael's	22	15	12	4	6	...	2	2	...	...	...	...	2
St. Paul's	37	29	26	4	6	2	2	1	1	1	2	1	1
St. Peter's	48	33	36	6	5	4	3	2	4	1	...	2	...
St. Peter's C.E.	24	15	15	5	3	2	3	1	3	...	...	...	...
St. Peter's R.C.	18	15	16	2	1	1	1	...	...	...	...	...	...
St. Silas'	35	20	20	5	6	4	5	3	1	1	1	2	2
St. Stephen's	26	19	22	4	2	1	1	2	...	...	...	1	1
St. Thomas'	52	32	32	9	8	5	4	3	5	3	...	...	3
Wensley Fold	30	20	16	6	10	3	...	1	4	...	...	...	...
Total	1295	861	850	213	235	108	89	56	68	35	31	22	22

The School Medical Inspector, Dr. Ewing, has contributed the following observations on Nutrition, Clothing and Foot-gear, Cleanliness, Verminous conditions, Teeth, and Glandular Enlargement.

NUTRITION.

The following Table gives a classification of the children as to nutrition.

	Number Examined.	I.	II.	III.	IV.
New Admissions	2647	0.8	81.1	17.8	0.2
Second Examinations...	1885	4.3	79.6	15.9	0.1
Leavers	1980	2.3	81.0	16.5	0.1
Higher Grade Schools 1st Examination	136	5.1	87.5	7.3	0.0
Higher Grade Schools 2nd Examination	342	3.2	88.0	8.7	0.0
Total	6990	2.4	81.1	16.3	0.1

As in previous years, the children inspected during 1913 have been placed in four classes with respect to their state of nutrition, and the definition of these four classes, given in last year's Report, may conveniently be repeated here.

Class I. includes those children with whose nutrition no fault can be found. Their muscles are firm, skin healthy in tone and colour, hair not dry, mucuous membranes red, and they have not too much fat; lastly, they are not under-sized and are not noticeably below the weight normal to their height.

Class II. is made up of all those children who show no marked signs of malnutrition, and yet are not up to the standard of Class I. A child in this class may be under-sized or may weigh considerably less than normal for his height, provided that he seems in other respects well nourished; or he may be slightly pale and overgrown, and yet not so definitely below the normal as to fall into Class III.

In Class III. are included children who are definitely anæmic, or slightly anæmic, and at the same time under-sized or thin, or, without being anæmic, are under-sized, and also show such signs of malnutrition as dry skin, dry and brittle hair, lack of mental alertness, etc.; and, lastly, fat and flabby children.

Class IV. comprises children showing all the signs of malnutrition, including a marked degree of anæmia and lack of flesh.

As compared with 1912, it will be noticed that the percentage of children who are placed in Classes III. and IV., that is to say, those whose nutrition is only medium or bad, is considerably larger. This increase is more apparent than real, and too much importance should not be attached to it for the following reasons. It is impossible to lay down with accuracy a definition or a standard of normal nutrition, and it is therefore obvious that in a certain number of cases one examiner will differ from another as to the class in which a child should be placed. Each Medical Inspector sets his own standard, and it naturally follows that a higher standard of normal nutrition will be demanded by some than by others.

Taking all those facts into consideration, it must still be admitted that there is a certain proportion of children whose nutrition is below normal. The state of health of these children is such that they cannot derive full benefit from their school attendance. They are frequently absent, and are sometimes sent to School when they are not fit to attend. They cannot take the usual interest in their work, and as a rule they gradually fall behind their fellows.

Several factors tend to cause this condition amongst School children, and the following seem to be the most important:—

(1) *Insufficient or Unsuitable Food.*—In some instances the parents are too poor to provide proper nourishment for the child. On the other hand, ignorance or want of thought on the part of the parents is frequently the cause. It is astonishing to find what a number

of children come to School in the morning on a breakfast of bread and tea. Foods are procured which are easily cooked, or can be purchased cooked, and not with regard to their nutritiousness. Digestive disorders are set up, which gradually tend to lower the vitality of the child. The prevailing industrial conditions, in which the mothers work in the mills and are consequently unable to attend to the home, are to a certain extent responsible for this state of matters.

(2) *Lack of Ventilation in the Home.*—It is extremely difficult to persuade people of the need for fresh air in the dwelling. It is quite the exception, rather than the rule, to see the windows, and especially the bedroom windows, widely opened. Children sleep in a vitiated atmosphere, and in the morning are often in no fit condition for school attendance. This want of ventilation gradually has a deleterious effect on the health of the child. Anæmia develops and ultimately the child may become the victim of Tuberculosis. This condition could be so easily remedied if parents would only realise the importance of an abundance of fresh air in the home by night as well as by day.

(3) *Decayed Teeth.*—This is a most potent factor in the cause of malnutrition, and will be more fully dealt with in the paragraph relating to that subject.

CLOTHING AND FOOT-GEAR.

The clothing of the Blackburn School Children is fairly satisfactory. Cases where the clothing is insufficient are infrequent, and on the contrary some children are found who are over-clad. Some parents do not seem to realise that wearing of too much clothing is bad for the child, rendering it more liable to suffer from cold. One would like to see every child wearing some woollen garment next the skin, especially in winter.

As in previous years, the foot-gear is good, the majority of the children wearing clogs, which are an excellent protection for the feet, and are usually kept in good repair.

CLEANLINESS.

As a general rule the cleanliness of the Blackburn school children is good. With the exception of a comparatively small percentage of cases, the children come to School clean and tidy. The clothing is usually clean, and a weekly bath seems to be the rule.

VERMINOUS CONDITIONS.

The number of cases where children were found in an actually verminous condition of head and clothing shows a considerable diminution from previous years, but still this condition is too frequent. There is still a certain number of habitual offenders among the parents. When the state of the child is pointed out to them an improvement is effected, but this is only temporary, and the child is soon allowed to get into the same filthy state again.

It has to be noted that more than half the girls examined have nits on the hair to a considerable degree. To avoid this condition, proper daily attention to the head on the part of the mother is very necessary. Neglect of this for even a short time soon results in the presence of nits, and few conditions are more troublesome to remove. More care and time has then to be expended on the child's head than the mother is able or willing to afford. Again, a large number of mothers consider that the presence of nits is a normal state of affairs, and it is difficult to persuade them to take steps to remedy the condition.

A large part of the work of the School Nurses consists in visiting the homes of dirty children, and instructing the parents as to the best means of remedying the condition.

TEETH.

Decay of the teeth is the most prevalent defect found among school children, and the extent to which Defective Teeth are present may be seen from the following Table.

	Number Examined.	Good.	Medium.	Bad.
New Admissions	2647	32·7	31·9	35·3
Second Examinations	1885	16·0	32·3	51·6
Leavers	1980	23·9	44·6	31·4
Higher Grade Schools 1st Examination...	136	30·2	29·4	40·4
Higher Grade Schools 2nd Examination	342	29·5	38·0	32·4
Total	6990	25·5	35·9	38·5

The classification is:—

Good—No decayed teeth.

Medium—Fewer than four decayed teeth.

Bad—Four or more decayed teeth.

As has already been mentioned, decay of the teeth is one of the principal causes of malnutrition. Germs from the decayed matter in the teeth are swallowed with the imperfectly masticated food, and indigestion readily results. Poisons are absorbed into the system, causing Anæmia and general lowering of the health.

It is thus very important that decay of the teeth should receive prompt attention. It has, however, been found very difficult in Blackburn to persuade the parents to take the necessary steps. One is told in nearly all cases that as the child has not complained of toothache, they do not see the necessity of obtaining dental treatment.

Efforts are being made by means of instruction in the Schools to teach the children the importance of the regular brushing of the teeth.

GLANDULAR ENLARGEMENT.

The accompanying Table shows the extreme prevalence of enlargements of the submaxillary and cervical glands amongst school children.

	No. Examined.	Greatly Enlarged	Moderately Enlarged
New Admissions	2647	2.6	35.9
Second Examinations.....	1885	5.4	56.6
Leavers	1930	1.8	41.0
Higher Grade Schools (1st Examination)	136	2.9	52.0
Higher Grade Schools (2nd Examination)	342	2.3	58.8
TOTAL	6990	3.1	44.9

Glandular Enlargement is rarely a disease in itself, but in the majority of cases is secondary to some other condition. The chief causes of such enlargement are:—

- (1) Decayed teeth.
- (2) Unhealthy conditions of the mouth, throat and nose.
- (3) Verminous condition of the scalp.
- (4) Infectious sores on the face and scalp.

When those conditions are treated efficiently, the swelling of the glands disappears. On the other hand, if they are left untreated, the glands may become permanently enlarged and later on become the seat of tuberculous disease.

MISCELLANEOUS ITEMS.

EXAMINATION OF 524 CHILDREN REFERRED BY THE SCHOOL ATTENDANCE OFFICERS.

524 School children who were absentees from School were referred to me by the School Attendance Officers for examination as to their fitness or otherwise for School.

142 of these children were found to be fit to attend School, and 308 to be unfit; 31 were allowed to attend half the day.

3 Children were examined as to their fitness for Blind School.

3 Children were examined as to their fitness for Deaf and Dumb School.

4 Children were examined as to their fitness for Industrial School.

33 Children were examined as to their fitness for Regent Street Special School.

EXAMINATION OF SCHOLARSHIP HOLDERS.

During the year 1913, I examined 31 candidates (4 males and 27 females) who had gained Scholarships during the year, as follows:—

Candidates for Bursary Scholarships	13
„ Governors' Scholarships to the	
Girls' High School	10
„ Leyland Scholarship	2
„ Daniel Thwaites' Scholarship.	1
„ Peel Foundation Scholarship.	1
„ Henry Harrison Scholarship.	1
„ Eli Heyworth Scholarship ...	2
„ John Mercer Scholarship	1

It was found that with one exception the above were all in good health and able to undertake the work in connection with the above-named Scholarships.

BLIND CHILDREN.

During the year I certified 3 children as suitable for admission to a Blind Institution.

At the present time the Education Committee have 12 children at various Blind Schools, as follows:—

Homes for the Blind, Fulwood, Preston (Prot.)	5
Hardman Street, Liverpool (Prot.)	1
Brunswick Road, Liverpool (R.C.)	5
Henshaw's Blind Asylum, Old Trafford (Prot.)	1
	<hr/>
	12

DEAF AND DUMB CHILDREN.

During the year I certified 3 children as suitable for admission to a Deaf and Dumb Institution.

At the present time the Education Committee have 11 children at various Deaf and Dumb Schools, as follows:—

Royal Cross School, Preston (Prot.)	7
Boston Spa (R.C.)	4
Royal Schools, Old Trafford (Prot.)	0
	<hr/>
	11

PHYSICALLY DEFECTIVE CHILDREN.

The following was a special report submitted to the School Attendance Reference Sub-Committee with reference to the Physically Defective Children in the Borough:—

“ At the request of the Committee, a list has been made of the school children in the Borough known to be suffering from such physical defects as prevent their attendance at ordinary School.

147 Children have been examined either at the Health Office or at their homes, and of this number 80 were found able to attend ordinary School, the defects in each case being of a minor degree and not interfering with ordinary School attendance or with the child's future working capacity; 12 were unfit for any

School; 45 were found suitable for a Special School for Physically Defective Children; and 13 were cases in which there was some doubt as to what school would be most suitable.

In deciding on the suitability of any case for a Special School, the following points were taken into consideration:—

1. Danger to child through its infirmity from coming into contact with other children.
2. Inability to walk to and from School and to stand the ordinary School routine.
3. Probable inability of the child to earn its own living owing to its physical defects, unless training in some specially suitable form of occupation is given.
4. The desirability of the child being placed under better hygienic conditions than obtain at the ordinary Schools.
5. The possible need for the child being kept in the recumbent position and for attention by a trained nurse.

The classification of the diseases from which the 45 physically defective children were found to be suffering is as follows:—

Tuberculosis of Spine	5	
Tuberculosis of Hip	12	
Tuberculosis of Knee	6	
Tuberculosis in other parts of body	3	
	—	26
Infantile Paralysis		17
Deformities due to Rickets		2
		—
		45

It is to be noted that the majority of the physical defects were the result of Tuberculosis.

There is also a considerable number of children in the Borough suffering from chronic heart disease, and many of these would be suitable cases for a Special School."

J. COOTE HIBBERT,
School Medical Officer.

MENTALLY DEFECTIVE CHILDREN.

These children are taught at Regent Street School, which has been specially built for the education of such cases, and the following is an extract from the Annual Report of the Director of Education on the work of this School:—

"This is a School for Mentally Defective Children.

The average number of children on the books of the School during the year was 75.

11 Children have been admitted during the year; 2 have been re-admitted; and 16 have left.

The reasons for leaving were as follows:—

Left the Town	3
Working in Mill	5
Working in Rope Works	2
Working in Flour Mill	1
Working in Printing Works	1
Gone into Service	1
Returned to Elementary School	1
Stay at Home	2

At the Swimming Baths, certificates of proficiency were awarded to 14 of the scholars attending this School, being an increase of 2 on last season.

2 Children received prizes at the Children's Plant Growing Exhibition held in September, 1913.

8 older girls have continued their lessons in Cookery, Laundry Work, and Housewifery, in addition to Needlework and Knitting.

8 younger girls have been taught simple Cookery and Laundry Work, simple Garment-making and Knitting.

The Tailoring lessons given to the older boys have been continued with good results. Six boys have made marked progress in cutting out boys' clothing, and have learned to use a tailor's sewing machine.

The Clogging lessons have also been continued with success.

The Manual Instruction given to the younger children includes:—(a) woollen rug making, (b) woollen scarf making, (c) woollen and paper ball making, (d) raffia and cane work, (e) button sewing, (f) simple measuring on paper from which models are made, (g) crayon drawing, cutting, and mounting, (h) clay modelling, (i) simple brushwork from nature, (j) free-arm drawing, (k) paper folding.

The Head Mistress and other Teachers still continue to carry out their work at this School with patience, tact, and enthusiasm."

FEEDING OF SCHOOL CHILDREN.

I am indebted to the Director of Education for the following information, which is the Sixth Annual Report of the School Canteen Committee:—

"Throughout the year the food (with the exception of that for Mill Hill district) has been cooked at the Mayson Street Centre, and has been distributed at the following Feeding Centres:—Accrington Road Council School, Bent Street Ragged School, Mayson Street Cookery Centre, and St. Alban's Cookery Centre. In no case has a room (other than a Cooking Centre) which has been used for teaching purposes, served as a Feeding Centre. The children in the Mill Hill district have been fed at a local refreshment room.

The meals have been provided throughout the year both in school term and in holidays. During the holidays, all the expenses have been defrayed from voluntary contributions.

The Administration Expenses, which were defrayed from the rates, amounted to £131 0s. 0d., as set out hereunder:—

	£	s.	d.
Apparatus and Repairs	13	6	5
Rent of Centres	1	4	0
Caretakers' Wages	59	8	9
Carriage of Food	34	7	0
Gas (share of)	22	13	10
	<hr/>		
	£131	0	0

The Board of Guardians have paid for the meals of those children whose parents were, at the time, in receipt of relief.

The total number of meals given during the year was 39,831, 5,778 being paid for by the Guardians, and the remaining 34,053 from voluntary contributions; the corresponding figures were, respectively: 1912-13, 43,552, 9,354, 34,198; 1911-12, 59,537, 17,786, and 41,751; for 1910-11, 68,182, 28,929, and 39,253; for 1909-10, 104,040, 32,504, and 71,536.

The following particulars refer only to those children whose meals were paid for from voluntary contributions, and not from the Guardians:—

Number fed for not more than:

2 weeks	47	children from 17 families.
1 month	127	„ „ 54 „
2 months	97	„ „ 39 „
3 „	95	„ „ 32 „
4 „	36	„ „ 15 „
5 „	20	„ „ 9 „
6 „	13	„ „ 6 „
7 „	17	„ „ 8 „
8 „	19	„ „ 8 „
9 „	28	„ „ 13 „
10 „	16	„ „ 8 „
11 „	7	„ „ 4 „
12 „	8	„ „ 3 „
	<hr/>	
	530	216

Corresponding figures—

1912-13	518	206
1911-12	1,308	540
1910-11	768	287
1909-10	1,480	689

The numbers in the respective families were:—Two in 6 cases, three in 18 cases, four in 31 cases, five in 40 cases, six in 44 cases, seven in 39 cases, eight in 21 cases, nine in 12 cases, 10 in 3 cases, and 11 in 2 cases.

There was only one worker in 116 families, two in 69, three in 21, four in six, five in three, and no workers in one family.

A great number of the 216 families from which children were fed had received out-relief from the Guardians either during part of 1913-14, or in previous years.

The occupations of the fathers included:—Cotton operatives, 17; other skilled workmen, 16; labourers, 97; carters and drivers, 11; window cleaners, 4; hawkers, 1; commission agent, 1; butcher, 1; bricksetters, 2; out-porter, 1; colliers, 3; boatman, 1; gunsmith, 1; hairdresser, 1; other occupations, 10; father dead or away from home, 36; tailor, 1; stokers, 6; coal-heavers, 2; flaggers and slaters, 2; boot and shoe maker, 1; leather tanner, 1.

The occupations of the mothers included:—Cotton operatives, 58; house, 131; charwomen and house, 13; machinist, 1; cook, 1; laundry, 2; domestic servant, 1; mother dead or away from home, 9."

OPEN AIR CLASSES.

I am indebted to the Director of Education for the following report on the two Open Air Classes, one at Bangor Street Council School and the other at the Accrington Road Council School:—

"The work of the Bangor Street Open Air Class was continued upon the lines adopted in 1912, improvements and alterations being made only in matters of detail. It was opened

on 26th May, and closed on 6th October, 1913. In all, 27 children were admitted. The object was to improve the health of the children, and to this end great attention was paid to deep breathing, and care exercised in correcting any tendency towards mouth-breathing in the children. Drill and dancing were included in the syllabus with good results, whilst instruction was combined with healthful exercise in the teaching of History in games. The gardens were in better condition, and in consequence the children were able to get better results—an important factor in maintaining their interest in gardening. A few short excursions were made, and the elements of Geography were taught in this way. The children were taught Nature Study and encouraged to find for themselves in their walks plants and flowers. Little talks were given on health culture and the importance of fresh air, cleanliness, and exercise. Some difficulty was experienced in continuing the scholastic studies owing to their being of different ages and at different stages of instruction, so that they required almost individual tuition, but, in spite of this, good progress was made, and it was the endeavour at all times to make their lessons of a happy, healthful nature. Two hours daily were spent in resting in deck chairs, which were placed in the sunshine whenever possible, and as the children of the Class were of a nervous, anæmic type, this daily rest was found to be of great benefit to them. The weather on the whole was favourable, and the Class was held out of doors the whole session.

The Open Air Class at Accerington Road was opened on September 2nd, and closed on October 6th, 1913. 20 children were admitted, ages ranging from 6 to 12. The grading of the children presented some difficulty, but they were eventually divided into two main groups. The majority of the older children were backward, owing to having attended school very little, and the younger children were on the whole very bright, so that the class lessons were less difficult than one might have expected. During the month improvement in general health and spirits was evident. Some who could scarcely be induced at first to exert themselves in the least in the playground took part heartily in games, etc., in a very short time. Although the routine was so different from that to which they were accustomed, the children quickly adapted themselves to the change and seemed to enjoy it thoroughly. They were

able to "rest" out of doors on all but two occasions, and the girls had most of their sewing lessons outside. Dinner was looked forward to quite eagerly, and there was a decided improvement in the appetite and an increase in weight in nearly every case."

Occasional visits were paid by the School Medical Staff to these Classes, and very definite improvement in the general health of the children was noted.

A further provision of these Open Air Classes in connection with other Schools in the Borough is greatly to be desired.

INSPECTION CLINIC.

Children who had been excluded from School on account of their suffering from certain contagious diseases, such as Ringworm and infectious sores, or on account of their being in a dirty or verminous condition, were examined and kept under observation at the Health Office as far as possible.

These children were requested to come to the office on Tuesday and Friday afternoons. On their first attendance the diseases from which the children were said to be suffering were verified or otherwise, and the School Nurse then visited the homes and attempted to procure medical treatment for the cases. Subsequently the children were kept under observation at the Health Office in order to see that the treatment was being persevered with, and to certify when they were fit to return to School.

928 Children suffering from these contagious ailments were kept under observation partly at their homes and partly at the Inspection Clinic, 1,310 visits being paid by the children to the Health Office, and the Nurses paying 2,823 visits to the homes.

The majority of the visits were paid by children suffering from Ringworm. It was found to be very difficult to induce parents to obtain medical treatment for this disease: even if a doctor was consulted at the beginning of the disease, the visits to the doctor tended to cease long before the condition

was cured. This was partly due to the disease being a very chronic one and the parents getting disappointed at the length of treatment necessary.

Before a child who has suffered from Ringworm is allowed to return to School, the hair is examined microscopically to see that there is no longer any infection present.

INTERVIEWS WITH PARENTS.

After each Inspection Clinic the School Medical Inspector is in attendance at the Office in order to give parents an opportunity of interviewing him with regard to any child who has been found to be defective. The nature of the defect is explained and the parents urged to get medical advice. 284 parents were interviewed by the School Medical Inspector during the year.

THE FURTHER EXAMINATION OF CHILDREN.

On Saturday mornings the School Medical Inspector examines at the Health Office certain children whose defects could not be thoroughly investigated under the conditions which obtain at the routine inspection.

THE FOLLOWING UP OF CASES FOUND TO BE DEFECTIVE AT THE ROUTINE INSPECTION.

Previous experience has shown that parents have neglected, in a large proportion of the cases, to obtain treatment for their children found to be defective at the routine medical inspection.

During the early part of the year the following procedure was adopted as regards any child found defective.

1. A letter was sent to the parents notifying them of the defect and requesting them to obtain treatment for the case.
2. Visits were paid at the home by the School Nurses to ascertain if treatment had been obtained and, if necessary, to make further efforts to persuade the parents to consult a doctor about the case.

In the month of October this procedure was somewhat modified and the following routine adopted.

At the routine inspections the School Medical Inspector classifies the defective children in the following groups:—

1. Slight defects.
2. Somewhat more important defects, but such that do not tend to interfere with the child's education or affect its general health.
3. More serious defects which interfere with the education or with the general health of the child.

As regards Group 1, a notice is sent to the parents informing them of the defect and advising medical treatment.

The same procedure is adopted as regards Group 2, but in addition a subsequent visit to the home is paid by the School Nurse.

The cases which are classed under Group 3 are the serious ones, and consequently most attention is paid to them. Instead of the notice being sent to the parents it is handed

to them by the School Nurse, who at the same time is able to explain to them the serious nature of the defect.

Two subsequent visits, at intervals of a fortnight, are paid to the parents by the School Nurse, and if it is found at the second visit that no treatment has been obtained, the Nurse reports the case to the School Medical Officer.

Thereupon a letter is sent requesting the parents to call and see the School Medical Officer at his Office, so that the necessity for treatment may be thoroughly laid before them. These visits are arranged so that those parents who work at the mills may have time to come to the Office after work hours.

If the parents have promised the School Medical Officer to obtain treatment, a subsequent visit is paid by the Nurse to see if this is carried out.

Table L. shows the percentage of cases in which treatment was obtained for the more serious defects found at the routine inspections during the first 9 months of the year and concerning which notices were sent to the parents.

Table LI. gives the same particulars for the last 3 months of the year as regards groups (2) and (3).

It will be noted that the more complete following up of the cases has had a satisfactory result.

As the vision of the various children was not tested until the end of the year, these Tables only include a few cases of Defective Vision. As explained elsewhere, the Vision will in future be tested at the Routine Medical Inspection.

TABLE L.

Showing treatment obtained for the more serious defects found during first nine months of the year.

DEFECT.	No. of Children defective	TREATMENT FROM					† Total number treated	No. not treated	No. left school or town
		Doctor	Infirmary	Chemist	Dentist	Optician			
Enlarged Tonsils	345	151	35	1	...	...	187	121	37
Enlarged Tonsils and Adenoids	17	7	3	...	...	...	10	4	3
Adenoids	36	14	4	...	...	...	21	13	2
Enlarged Glands	78	41	5	...	...	...	60	13	5
*Carious Teeth	56	...	2	...	39	...	41	13	2
Otorrhœa and Deafness	30	15	1	5	...	...	26	4	...
Heart Diseases	32	24	...	...	...	...	24	7	1
Anæmia	55	26	...	...	...	...	46	8	1
Bronchitis	6	4	...	...	...	...	4	2	...
Speech Defects	12	4	...	...	...	...	4	8	...
Nasal Discharge	2	2	...	...	...	...	2	...	...
Blepharitis, Etc.	55	17	2	12	...	...	50	5	...
Squint	28	4	5	...	...	3	12	14	2
Total	752	309	57	18	39	3	487	212	53
Percentage .....	...	41.1	7.5	2.4	5.2	0.4	64.7	28.2	7.0

*This includes only those cases of carious teeth which were accompanied by a definite septic condition of the gums.

+A case is said to have been treated when a doctor, dentist, etc., has been consulted; it does not necessarily indicate that the defect has been remedied.

TABLE LI.

Showing treatment obtained for the more serious defects found during the last three months of the year.

DEFECT.	No. of children defective	TREATMENT FROM					†Total number treated	No. not treated	No. left school or town
		Doctor	Infirmary	Chemist	Dentist	Optician	Home		
Enlarged Tonsils	87	71	6	...	...	...	...	5	5
Enlarged Tonsils and Adenoids	68	43	10	...	...	...	...	9	6
Adenoids	34	25	6	...	...	...	...	...	3
Enlarged Glands	13	11	...	...	...	...	...	...	2
*Carious Teeth	56	5	4	...	34	...	...	6	7
Otorrhœa	13	9	1	...	...	...	...	2	1
Deafness	6	5	...	...	...	...	...	...	1
Heart Diseases	17	16	...	...	...	...	...	...	1
Anæmia	18	14	...	...	...	...	...	2	1
Blepharitis	5	5	...	...	...	...	...	...	2
Defective Vision	11	2	4	...	...	2	...	3	...
Squint	18	12	5	...	...	...	...	1	...
Corneal Ulcer	1	1	...	...	...	...	...	...	...
Rickets	4	3	...	...	...	...	...	1	...
Dirty Head	1	1	...	...	...	...	1	...	...
Malnutrition	1	1	...	...	...	...	1	...	...
Total	353	223	36	...	34	2	1	29	28
Percentage .....	...	63.4	10.2	0.0	9.6	0.5	0.2	8.2	7.9

*This only includes cases where dental caries was very extensive or accompanied by definite septic condition of gums.

† A case is said to have been "treated" when a doctor, dentist, etc., has been consulted; it does not necessarily indicate that the defect has been remedied.

CONCLUSION.

The most difficult part of the work of the School Medical Officer is to induce parents to obtain adequate treatment for the defects found at the routine inspections. Even in some of the most obvious instances of defect, notice and repeated interview sometimes fail to have effect and parents seem willing to allow their children to continue their struggle in life with a handicap which could be lessened or removed by medical or surgical skill. As a rule either indifference or prejudice, rather than poverty, is the reason for this neglect. Ignorance certainly cannot be pleaded as an excuse in view of the repeated interviews of the parents by the School Medical and Nursing Staff.

Although Table LI. appears to show an improvement as regards the percentage of defects treated, the footnote to that table must not be overlooked. A child is there stated to have been treated when the parents assert that a doctor, dentist, etc., has been consulted. Hitherto it has not been found possible to make a special re-examination of defective cases to see how far the defects have been actually remedied, as the time of the School Medical Inspector has been fully occupied in his routine inspections. The examination of every child once instead of twice, between the examinations on entering and leaving school, has however given the School Medical Inspector more time for this work of re-examination and I hope at the end of the current year to have more definite figures as to the results of treatment. Many cases at present are taken to a doctor, but the doctor's advice is not followed, and it is therefore somewhat misleading to say these cases have been treated.

So far as I can ascertain treatment is amply available in Blackburn for the majority of defects, either at the hands of private medical practitioners or at the Infirmary.

Whether or no, however, there are at present sufficient facilities for the treatment of dental cases is a matter for consideration. It is undoubtedly a costly matter to remedy

extensive dental caries, but were parents careful to have their children's teeth seen to at the onset of decay, treatment would be far less costly, especially if this were followed up by the daily use of the tooth brush and other methods of preventing further decay.

There is the question also whether some further action should not be taken as regards the minor contagious diseases such as ringworm, infectious sores, inflammatory eye conditions, etc. These diseases, especially ringworm, cause somewhat lengthy absence from school, partly by reason of their chronic nature and partly because parents frequently will not obtain medical treatment for what they consider to be trifling ailments. Often too when a Doctor has been consulted, the treatment prescribed is not persevered with and consequently the course of the disease tends to be unduly prolonged.

Children found to be suffering from these diseases are excluded from school so as to limit as far as possible the spread of infection, and at present the only further action which can be taken is to keep the sufferers under observation and to bring as much pressure to bear on the parents as possible in order to induce them to obtain suitable treatment for their children. Efficient treatment of these ailments would certainly prevent much loss of school attendance.